evolution

Manuel de Service

SERVICE-ANLEITUNG

Service Manual

REVOX®

Serviceanleitung evolution

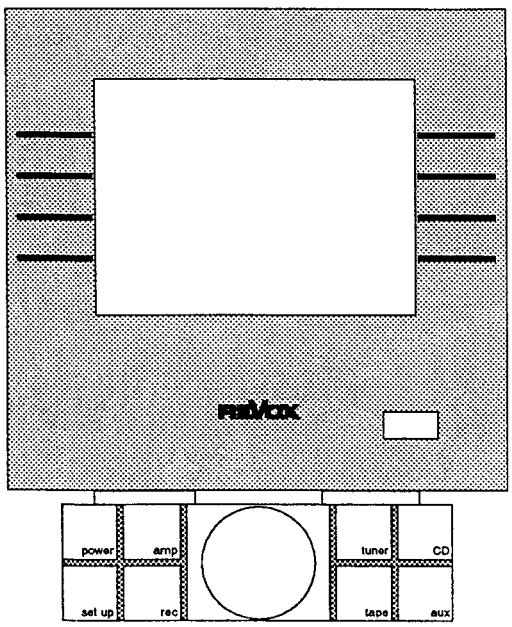
Inhalt

Hinweis: Der Zusammenbau sowie Bedienung und Funktionsweise der evolution HiFi-Anlage sind in der «Betriebsanleitung evolution» Bestellnr. 10.30.0300 ausführlich beschrieben. Die Kenntnis dessen Inhalt's wird in dieser Serviceanleitung vorausgesetzt.

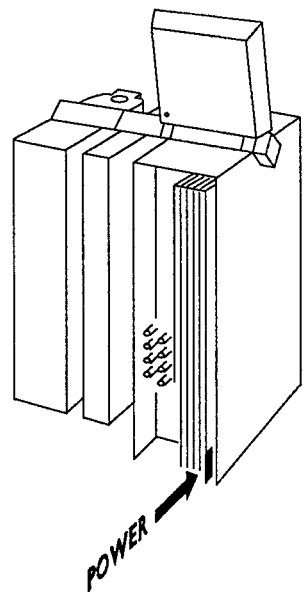
Definition der Drehrichtung bei Drehreglern

Linksdrehung	= Drehung im Gegenuhrzeigersinn
Rechtsdrehung	= Drehung im Uhrzeigersinn

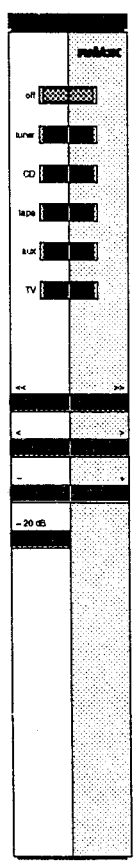
Anzeige- und Bedienungseinheit



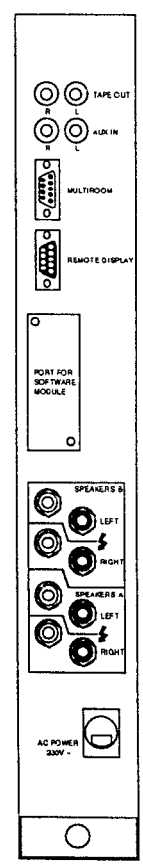
Die evolution Basis-Komponenten



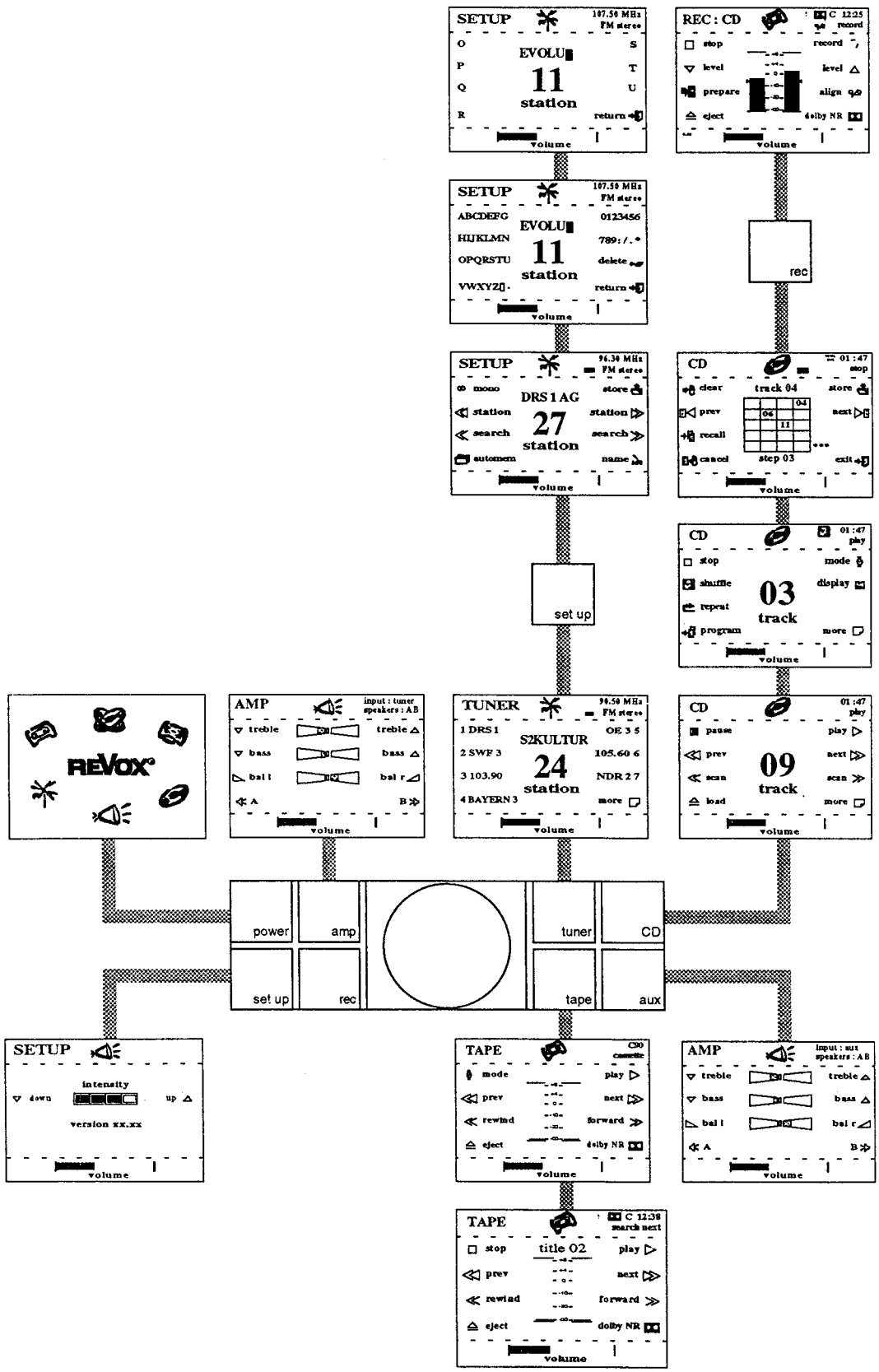
IR Handfernbedienung



Anschlüsse auf der Verstärker-Rückseite



Übersicht • evolution Bedienungsmenus



Technische Daten

Allgemeine Daten

Verstärker, Tuner, CD-Spieler, Kassettengerät

Bedienung:
Via Menu über lokales Display-Modul
VOLUME über Drehknopf
Fernbedienung: über IR mit RC-5 Codes
im Systemverbund (Bus): interner Datenbus

Lokale Anzeige:
LCD Matrix-Display, beleuchtet, in
4 Stufen einstellbar
voll grafikfähig, 320 x 240 Punkte

Stromversorgung:
fest mont. Euro-Netzanschluss 2-pol.
für alle Spannungen 50...60 Hz
220...230V AC 198...242 V, Sicherung T 3.15 A

Leistungsaufnahme:

maximal:	600 W
Betrieb: typisch, je nach Funktion	40..60 W
Standby:	5 W

Betriebsbedingungen:
Feuchteklasse F nach DIN 40040 +10...+40° C

Abmessungen (B x H x T):

AMP+TUNER+CD:	max.	390 x 675 x 330mm
	min.	390 x 646 x 330mm
AMP+TUNER+CD+TAPE:	max.	535 x 675 x 330mm
	min.	535 x 646 x 330mm

Gewicht (Masse):

Verstärker:	14 kg
Tuner:	8 kg
CD-Spieler:	7 kg
Kassettengerät:	7 kg

Verstärker

Spitzenleistung:
1 kHz, 1 Per.ein / 16Per. aus:

	an 4 Ohm:	2 x 250 W
	an 8 Ohm:	2 x 130 W

Sinusleistung:

(DIN 45500):	an 4 Ohm:	2 x 150 W
	an 8 Ohm:	2 x 100 W
nach IEC 65:	an 8 Ohm:	2 x 100 W

Dämpfungsfaktor: bei 1 kHz, 8 Ohm: >100

Harmonische Verzerrungen:
bei 1 kHz und 100W an 4 Ohm: 0.007%

Anstiegszeit:

mit 4 Ohm Last:	7 µs
mit 8 Ohm Last:	6 µs

Eingangsspannung / Impedanz AUX:
bei 1 kHz für 150W an 4 Ohm: 350 mV / 47 kOhm
nom. 500mV

Ausgänge:

Pegel / Impedanz bei nom. Eingangsspannung:

TAPE OUT:	500 mV / 1 kOhm
PHONES:	8.5 V / 280 Ohm
SPEAKERS A, B:	24.5 V / 60 mOhm

Klangregler, parametrisch in ±4 Stufen:

BASS bei 40 Hz:	-14...+14 dB
TREBLE bei 14 kHz:	-12...+12 dB

Fremdspannungsabstand AUX:
(bez. auf nom. Eingangs-Spannung):

bei 150W/4 Ohm, 1kOhm Abschluss:	96 dB
bei 50mW/4 Ohm, 1kOhm Abschluss:	76 dB

Max. Eingangsspannung AUX: 5 V

Kanaltrennung:
bei 1 kHz, 1kOhm Abschluss: 70 dB

Frequenzgang:
20 Hz...20 kHz: +0/ -0.5 dB

Weitere Angaben siehe Abschnitt «Allgemeine Daten»

FM-Tuner

Ohne anderslautende Vermerke sind die Daten bei 98 MHz, 1mV HF-Signal und 400 Hz-Modulation gemessen.

Sendervorwahl: max. 36 Stationsspeicher

Empfangsbereich: 87.50...108.00 MHz

Frequenzraster: 50 kHz

Quarzreferenz: 0.002%

Spiegelfrequenzdämpfung: 100 dB

Zwischenfrequenzdämpfung: 100 dB

Nebenwellendämpfung: 100 dB

RF-Intermodulations-Dämpfung:
DF= 2MHz: -86 dB

Bandbreite (-3dB): 130 kHz

Stat. Selektion: bei ± 300 kHz: 65 dB

AM-Unterdrückung: (30% AM, 75 kHz Hub) 70 dB

Frequenzgang: 20Hz...15kHz: +0.5 / -1.5 dB

De-Emphasis: 50 µs (75 µs)

NF-Verzerrungen:
(1 kHz, 40 kHz Hub, Stereo L=R) 0.1%

Fremdspannungsabstand:
(30Hz...15 kHz, bez. 75 kHz Hub,
Mono 1mV HF; Stereo 10 mV HF): 80 dB

Stereo-Uebersprechdämpfung:
(1 kHz, 40 kHz Hub) 43 dB

Pilotton-Unterdrückung:
(15...300 kHz, 75 kHz Hub) 66 dB

RDS-Decoder: Auswertung von PS

Antennen-Eingang: 75 Ohm koaxial nach IEC/DIN54325

Datenspeicherung bei Netzausfall: über EEPROM

Stromversorgung:
nur im Verbund mit dem *evolution* Verstärker

Weitere Angaben siehe Abschnitt «Allgemeine Daten»

CD-Spieler

Frequenzgang:
31.5 Hz...20 kHz ± 0.2 dB

Klirr und Rauschen:
20Hz..20kHz < 0.005 %

Störspannungsabstand:
linear 20Hz..20kHz 96 dB
bewertet A-Kurve: 100 dB

Übersprechdämpfung 1kHz: 96 dB

Ausgangspegel an AUX:
bei 0dB Ref. Pegel ab CD 2.0 V ± 10%

D/A-Wandlung: 1-bit Bit-Stream Technik

Oversampling: 256-fach

Digital-Filter: 20 bit (8-fach Oversampling)

Suchzeit für beliebige Stelle: < 2 s

Stromversorgung:
nur im Verbund mit dem *evolution* Verstärker

Weitere Angaben siehe Abschnitt «Allgemeine Daten»

Kassettengerät

Laufwerk:
Doppelcapstan-Bandtransport mit geregeltem Wickelantrieb, getrennte Tonkopf-Systeme für Aufnahme und Wiedergabe, Ferrit-Löschkopf

Verwendbare Tonträger:
Compact-Kassetten bis C-120, empfohlen nur bis C-90

Bandgeschwindigkeit: 4.76 cm/s

Geschwindigkeitstoleranz: ± 0.5%

Schlupf: < 0.3%

Tonhöhenschwankungen:
bewertet nach JIS,
für C60 und C90 in Wiedergabe : < 0.1%

Umspulzeit für C-60: ca. 95 sec

Bandzähler:
Min/Sek. Anzeige (Spielzeit), Nullstellung auf Bandanfang

Automatische Bandsorten-Erkennung / Umschaltung für Bandtyp I, II und IV

Aufnahme-System: HX-PRO Headroom Extension

Einmesshilfe:
Automatische Einstellung der optimalen Vormagneti-sierung für alle Bandsorten mit Speicherung der ermittelten Werte für Typ I, II und IV.

Geräuschverminderungs-System: Dolby B und C *

Wiedergabe-Entzerrung:

Typ I:	3180 + 120 µs
Typ II:	3180 + 70 µs
Typ IV:	3180 + 70 µs

Frequenzgang:
über Band, -20 dB, Dolby NR * = OFF,
nach automatischer Einmessung:

Typ I:	30 Hz...20 kHz ± 3 dB
Typ II:	30 Hz...20 kHz ± 3 dB
Typ IV:	30 Hz...20 kHz ± 3 dB

Aussteuerung:
200 nWb/m entspricht 0dB = Dolby *-Level

Klirrfaktor (k3 von 333 Hz/ 200 nWb/m):

Typ I:	< 1.0 %
Typ II:	< 1.5 %
Typ IV:	< 1.5 %

Geräuschspannungsabstand Dolby C *:

bez. 3% Klirr:	Typ I:	> 72 dB (A)
	Typ II:	> 73 dB (A)
	Typ IV:	> 73 dB (A)

Kanal-Übersprechen: bei 1 kHz besser - 40 dB

Bias / Löschfrequenz: 105 kHz

Löschdämpfung:
bei 1 kHz (Dolby C * = ein) > 65 dB

Eingangspegel ab AUX-Buchse:
für 0VU: 500 mV / 47 kOhm

Ausgangspegel TAPE OUT:
bei 0VU: 500 mV / 1 kOhm

Stromversorgung:
nur im Verbund mit dem *evolution* Verstärker

Weitere Angaben siehe Abschnitt «Allgemeine Daten»

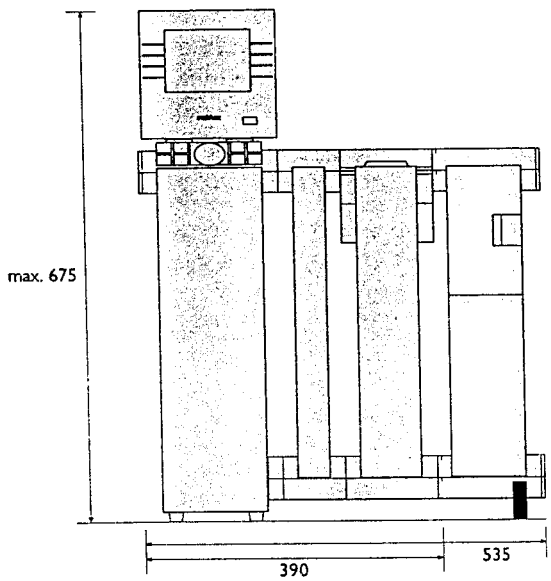
Änderungen vorbehalten

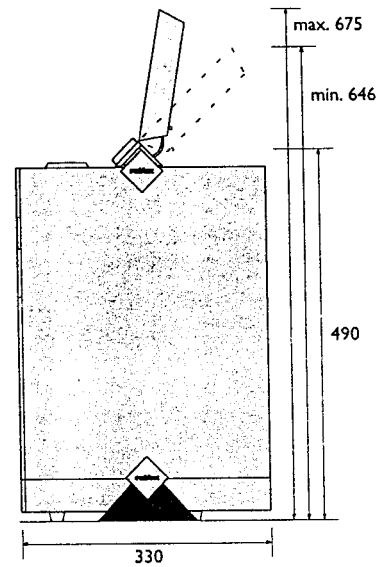
Die bandspezifischen Messwerte werden mit modernen, qualitativ hochwertigen Kassetten nach automatischer Einmessung erreicht.
Die Werkseinstellung basiert auf folgenden Bandsorten:

Typ I: TDK AR-X
Typ II: BASF Chrome Super II
Typ IV: TDK MA-X

* Dolby Rauschunterdrückung und HX-Pro headroom extension hergestellt unter Lizenz von Dolby Laboratories Licensing Corporation. HX-Pro entstand bei Bang & Olufsen. DOLBY, das Doppel-D Symbol und HX-PRO sind Warenzeichen der Dolby Laboratories Licensing Corporation.

Abmessungen (mm) evolution

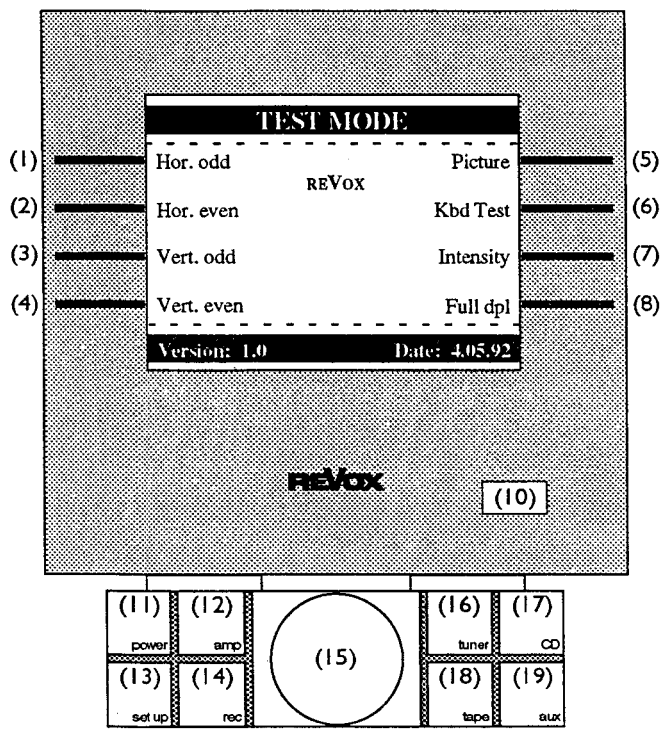




Keyboard und Display Test

- Die Bedienungseinheit korrekt auf einen funktionierenden Verstärker montieren.
- Der Daten- und Stromversorgungs-Bus (unteres Anschluss-Prisma) des Verstärkers muss mit einem Abschlussstecker versehen sein.
- Das Verstärker-Netzkabel ans Netz anschliessen und den Verstärker durch Betätigen des Netzschalters auf der Geräterückseite einschalten (Stand-by).

Der Testmodus



Test Mode aktivieren

1. Anlage einschalten mit Taste power (11)
   Warten, bis die Anzeige nach dem Erscheinen des «REVOX» Startmenus auf ein Bedienungsmenu wechselt
2. Taste (4) und (5) gleichzeitig drücken
3. danach Taste (1) und (8) gleichzeitig drücken
4. Das Auswahl-Menu des Test Mode erscheint

Testfunktionen

Folgende Tests sind bei einwandfreiem Zustand des Displays mit den Tasten (1)...(7) durchführbar:

(1) **Hor. odd** zeichnet eine horizontale Linie auf alle ungeraden Zeilen
(2) **Hor. even** zeichnet eine horizontale Linie auf alle geraden Zeilen
(3) **Vert. odd** zeichnet eine vertikale Linie auf alle ungeraden Zeilen
(4) **Vert. even** zeichnet eine vertikale Linie auf alle geraden Zeilen
(5) **Picture** Das Revox-Startmenu erscheint, um die Display-Auflösung zu zeigen
(6) **Kbd Test** quittiert jeden Tastendruck im speziellen «Keyboard Test» Menu
(7) **Intensity** Das Setup-Menu zur Überprüfung der Intensität erscheint
(8) **Full dpl.** Aktiviert alle Bildpunkte des Display's

Zurückkehren zum Auswahlmenu

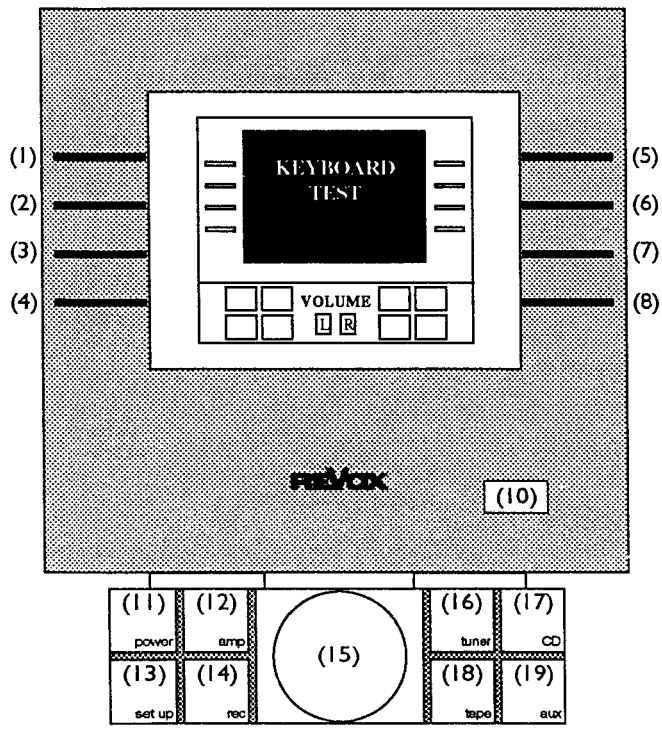
- Die Tasten (1) und (5) gleichzeitig betätigen

Zurückkehren zum normalen Betriebsmodus

- Netzschalter auf der Verstärker-Rückseite betätigen, danach wieder einschalten.

Keyboard Test Menu

- im Test Mode Auswahlmenu Taste (6) **Kbd Test** drücken => folgendes Menu erscheint:



Jede Tastenbetätigung wird im Display-Modell durch Aufleuchten der entsprechenden Taste bestätigt. Beim Volumenregler leuchten «L» bzw. «R» für Links- bzw. Rechtsdrehung des Reglers auf.

- Zurückkehren zum Auswahlmenu durch gleichzeitige Betätigung der Tasten (1) und (5).

Empfang von Fernbedienungsbefehlen

- Korrekt funktionierende evolution Fernbedienung verwenden (Batterien neu, richtig eingelegt).
- Jeder Empfang eines Fernbedienungsbefehls über das IR-Empfangsfenster (10) wird im Display durch Aufleuchten des Symbols ((•)) angezeigt.

Wenn alle beschriebenen Tests erfolgreich durchgeführt worden sind, funktioniert die Bedienungseinheit sowie die Kommunikation mit dem Verstärker.

Verstärker Ruhestrom-Einstellung

Die Ruhestrom-Einstellung erfolgt auf dem Amplifier Unit 1.751.250.00:

- Das Voltmeter an P1 und P2 anschliessen
- Mit RA1 (1 kOhm) auf 1 mV DC abgleichen

- Das Voltmeter an P3 und P4 anschliessen
- Mit RA2 (1 kOhm) auf 1 mV DC abgleichen

Abgleichanleitung FM-Tuner Board

Alle Abgleich-Prozeduren werden am FM-Tuner Board 1.752.180.20 ausgeführt. Der Tuner wird mit Hilfe von Flachband-Verlängerungskabeln an den Verstärker angeschlossen, um einerseits über die Bedienungseinheit den Tuner bedienen zu können, andererseits den Zugang zum FM-Tuner Board zu gewährleisten.

Im Tuner eingespeicherte Testfrequenzen

folgende Frequenzen sind ab Werk gespeichert:

Station:	*Frequenz:*
1	87.50 MHz
2	90.00 MHz
3	98.00 MHz
4	106.00 MHz
5	108.00 MHz

Zurückholen der Werkeinstellungen

- Taste ***tuner*** drücken
- Taste ***setup*** drücken
- Taste ***automem*** ca. 2 Sekunden drücken
- Während des automatischen Suchlaufs die Anlage mit der Taste ***power*** ausschalten, dann wieder einschalten. Die Stationen 1 ... 5 sind danach wieder mit den oben aufgelisteten Frequenzen belegt.

Lokal-Oscillator: L701, C705

- L701 und C705 nach Muster voreinstellen
- Digitalvoltmeter an ATP1 (C706-R722) anschliessen
- Bei 87.50 MHz mit L701 auf 4.50V DC ± 0.05 V abgleichen
- Bei 108.00 MHz mit C705 24.00 V DC ± 0.25V abgleichen
- Die letzten 2 Schritte wiederholen, bis die Werte im Toleranzbereich liegen

Oscillator-Buffer: L700, C718

- L700 und C718 nach Muster voreinstellen
- Das RF Voltmeter an ATP2 (R215-C202) anschliessen, Messbereich 100 mV
- Bei 90 MHz mit L700 auf Maximum HF abgleichen
- Bei 106.00 MHz mit C718 auf Maximum HF abgleichen
- Die letzten 2 Schritte wiederholen, bis keine nennenswerte Verbesserungen mehr möglich sind
- Richtwert der Spannung an ATP2: 50 mV AC
- **Achtung**: T200 nicht verstellen!

HF-Kreise: L102 ... C100

- L102, L101, L103, L100, C115, C101, C103, C100 nach Muster voreinstellen
- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenzen: 90.000 MHz resp. 106.000 MHz,
- Eingangsspannung: U = ca. 0.6 mV; bei «Abgleichbeginn» unter Umständen etwas mehr
- Das RF Voltmeter an ATP3 (R320) anschliessen, Messbereich 0.3 V
- Die AGC abschalten, RA 409 in Linksanschlag bringen
- Tuner: 90.00 MHz resp. 106.00 MHz
- Bei 90.00 MHz: L102, L101, L103, L100 auf Maximum HF abgleichen
- Bei 106.00 MHz: C115, C101, C103, C100 auf Maximum HF abgleichen
- Die letzten 2 Schritte wiederholen, bis die Werte im Toleranzbereich liegen
- Richtwert der Spannung an ATP3: 150 mV AC

Erster ZF-Kreis: T201

- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz,
  Eingangsspannung: U = ca. 0.6 mV
- Das RF Voltmeter an ATP3 (R320) anschliessen, Messbereich 0.3 V
- Die AGC abschalten, RA 409 in Linksanschlag bringen
- Tuner: 98.00 MHz
- T201 auf Maximum HF abgleichen
- Richtwert der Spannung an ATP3: 150 mV AC

Zweiter ZF-Kreis: T300

- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz,
  Eingangsspannung: U = ca. 0.6 mV
- Das RF Voltmeter an ATP3 (R320) anschliessen, Messbereich 0.3 V
- Die AGC abschalten, RA 409 in Linksanschlag bringen
- Tuner: 98.00 MHz
- T300 auf Maximum HF abgleichen
- Richtwert der Spannung an ATP3: 150 mV AC

AGC Einsatzpunkt
- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz, Eingangsspannung: U = 1 mV
- Das RF Voltmeter an ATP3 (R320) anschliessen, Messbereich 0.3 V
- RA320 nach rechts drehen, bis die HF-Spannung 2dB gesunken ist

Signalstärke Arbeitspunkt
- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz, Eingangsspannung: U = 50 µV
- DC-Voltmeter an ATP9 (IC9 Pin 3) anschliessen, Messbereich 10 V
- Mit RA801 3 Volt einstellen

FM-Demodulator: RA412, T400, RA431

Vorspannung Kapazitätsdioden:
- Das Digitalvoltmeter an ATP4 (IC1 Pin7) anschliessen.
- Mit RA412 auf 7 V DC ± 0.1 V abgleichen

Center Tuning: T400
- Das Digitalvoltmeter an ATP5 (IC1 Pin 1) anschliessen
- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz, Eingangsspannung: U = 1 mV
- Tuner: 98.00 MHz
- T400 auf 7 V DC ± 0.1 V abgleichen

Demodulierte MPX-Spannung: RA431
- Das AC Voltmeter an ATP5 anschliessen, Messbereich 1 V AC
- Das HF-Testgenerator-Signal unmoduliert mit 75 kHz Hub, 1 kHz, Stereo L=R, ohne Pilot beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz, Eingangsspannung: U = 1 mV
- Tuner: 98.00 MHz
- Mit RA431 auf 0.7 V AC ± 0.02 V abgleichen

Stereo-Decoder, 76 kHz Oscillator: RA520
- Das HF-Testgenerator-Signal unmoduliert beim Antenneneingang einspeisen
- Frequenz 98.000 MHz, Eingangsspannung: U = 1mV
- ATP6 (IC5 Pin 4) über 10 kOhm auf +16.5 V (R717) schalten
- Den Counter an ATP6 anschliessen
- RA520 auf 76.00 kHz ± 0.2 kHz abgleichen

Stereo-Decoder Übersprechen: RA517
- Das HF-Testgenerator-Signal mit Stereo-Coder beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz, Eingangsspannung: U = 1 mV, Stereo L=R moduliert, 40 kHz Hub, 1 kHz plus Pilotton 9%
- Tuner: 98.00 MHz
- Das AC Voltmeter an ATP7 (R606) resp. ATP8 (R609) anschliessen und auf 0 dB eichen
- Den Stereo-Coder auf R resp. L schalten und mit RA517 die Übersprechdämpfung auf das Maximum abgleichen.
- Übersprechdämpfung: > 43dB

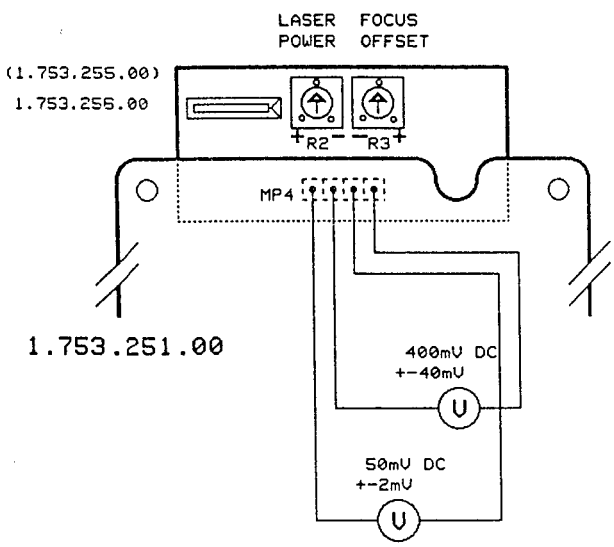
Pilottondämpfung: L610, L611
- Das HF-Testgenerator-Signal mit Stereo-Coder beim Antenneneingang einspeisen
- Frequenz: 98.000 MHz, Eingangsspannung: U = 1 mV nur mit Pilotton 9% moduliert, 40 kHz Hub
- Tuner: 98.00 MHz
- Das AC Voltmeter an ATP7 (R606) resp. ATP8 (R609) anschliessen und die Pilottondämpfung mit L610 resp. L611 (Spulen am Filterausgang, bei R601, R622) auf das Maximum abgleichen
- **Achtung**: L610 und L611 (Spulen am Filtereingang, bei R613, R614) nicht verstellen!

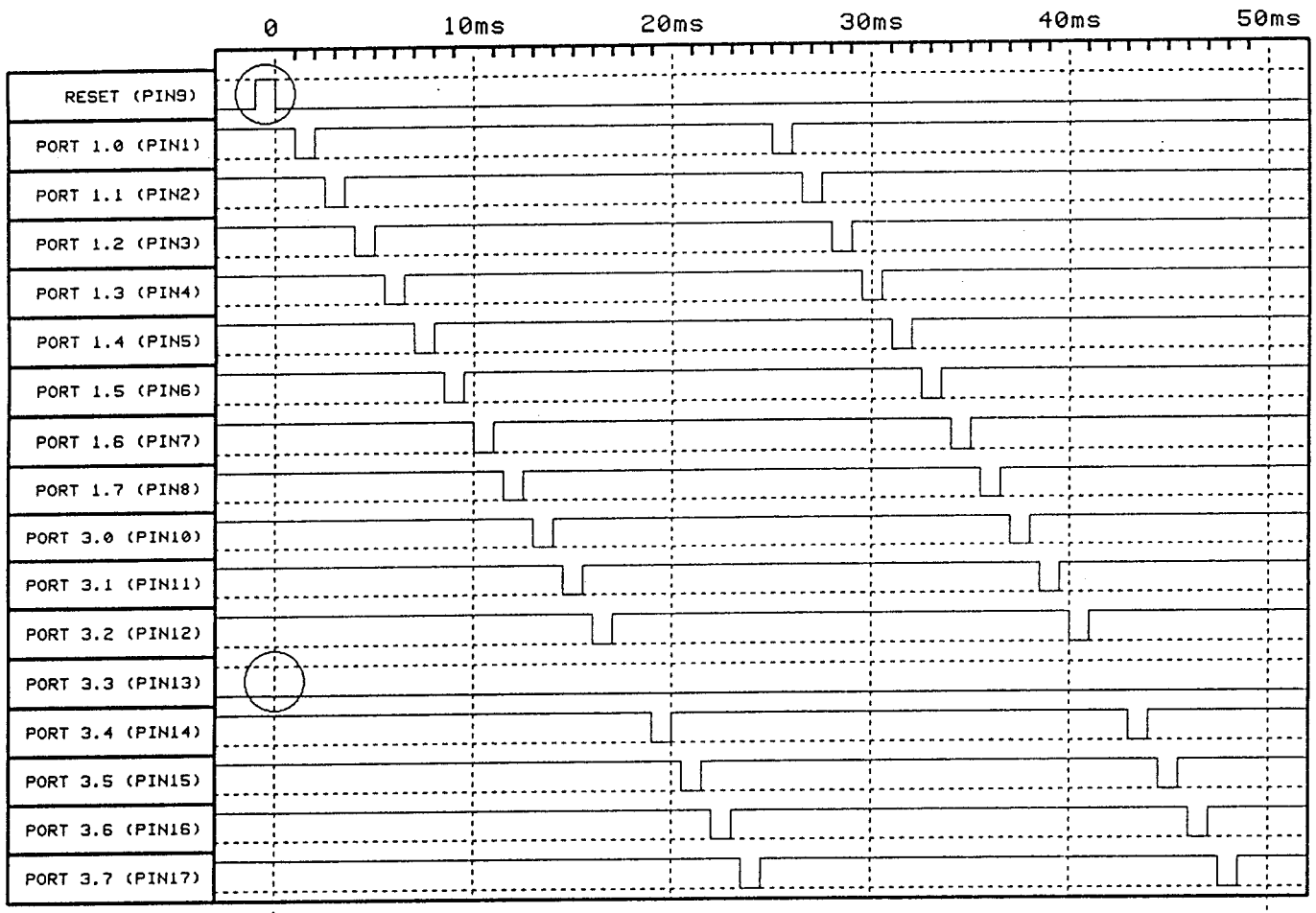
CD-Spieler Servo Board Abgleich

Der CD-Spieler wird mit Hilfe von Flachband-Verlängerungskabeln an den Verstärker angeschlossen, um einerseits über die Bedienungseinheit den CD-Spieler bedienen zu können, andererseits den Zugang zum Servo Board zu gewährleisten.

Achtung: Nach einem Austausch des CD-Laufwerks bzw. des Servo Boards ist dieser Abgleich notwendig !

- Das Voltmeter an MP4 anschliessen
- R2 und R3 in Mittelstellung bringen
- Die Test CD Nr. 3 verwenden, Track 1 abspielen
- R2 so einstellen, dass bei MP4 50 mV DC ± 2 mV anliegen
- R3 so einstellen, dass bei MP4 400 mV DC ± 40 mV anliegen





INCIRCUIT TEST PROGRAM
FOR MICROCONTROLLER
80C652

+ DEVICE "RESET"
+ PORT 3.3 HOLD AT LOW LEVEL
(R6,R7) "TESTPOINT"
= LEADS INTO TEST SEQUENCE

+ MICROCONTROLLER IN "SLEEP MODE"
+ REACTIVATE WITH "RESET"

⓪ FEB-24-92 PS			
	evolution CD-PLAYER		PAGE 1 OF 1
REVOX	TIMING DIAGRAM OF TEST SEQUENCE	TD	1.753.201.20

Abgleichanleitung Kassettengerät

Das Kassettengerät wird mit Hilfe von Flachband-Verlängerungskabeln an den Verstärker angeschlossen, um einerseits über die Bedienungseinheit das Kassettengerät bedienen zu können, andererseits den Zugang zur Elektronik zu gewährleisten.

Wiedergabe- und Aufname-Elektronik Main board 1.755.220

Multiplex-Filter

- MPX auf ON, DOLBY auf OFF schalten RECORD VOLUME auf 0 dB stellen.
- Am AUX IN Eingang des Verstärkers 0.5 Volt effektiv bei 19 kHz einspeisen.
- L203 und L202 so einstellen, dass an den Testpunkten REC L und REC R (MP7) eine minimale Amplitude entsteht.
  Die Dämpfung bei 19 kHz soll >30 dB betragen.

Einstellen der Anzeige

- Das Gerät auf Stop schalten und ein Signal von 0.5 V bei 500 Hz am AUX IN Eingang des Verstärkers einspeisen.
- Potentiometer RA506 in Mittelstellung bringen.
- Anzeige mit den Potentiometern RA504 und RA536 auf 0 dB stellen.
- Pegel um 20 dB reduzieren und mit dem Potentiometer RA506 den Wert -20dB an beiden Kanälen einstellen (-20 dB ± 0.5dB).

Einstellen des Wiedergabeteils

- Gerät ausschalten und bandführende Teile entmagnetisieren.
- MPX und DOLBY NR auf OFF schalten.
- Wiedergabebezugsband des Typs IEC I in den Kassettenfach legen und bei dem Pegeltonteil (315 Hz 250 nWb/m) starten.
- An den Testpunkten REC L und REC R einen Pegel von 308 mVeff einstellen. Die Einstellung erfolgt mit Potentiometer RA132 und RA105.
- Azimuteinstellung bei -10 dB, bezogen auf 250 nWb/m, bei 10 kHz auf maximale Amplitude und auf minimale Phasenfehler zwischen L und R.
- Mit den Potentiometern RA118 und RA123 im Bereich von 18 kHz den Wiedergabe-Frequenzgang möglichst linear einstellen.
  Testpunkte PB-L und PB-R (MP6), Bezugspegel -20dB des Messbandes.

Einstellen des Aufnahmeteils

- Im Werk wurden zur Einstellung des Aufnahmeteils folgende Kassettentypen verwendet:
  IEC I: TDK AR-X60
  IEC II: BASF Chrome Super II,
  IEC IV: TDK MA-X60.

Einstellprozess

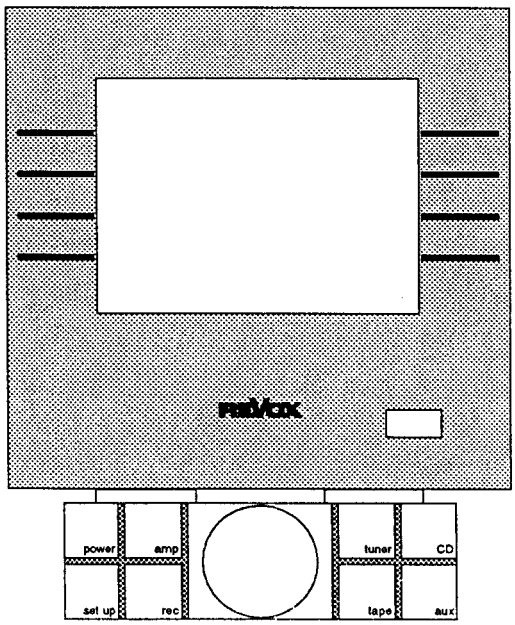
- MPX und DOLBY NR auf OFF schalten, RECORD VOLUME auf 0 dB stellen.
- Mit den Potentiometern RA400 und RA401 eine Gleichspannung von 11 V am Pin 4 und 18 des IC519 einstellen.
- Kassette Typ IEC I einlegen und Gerät auf Aufnahme starten.
- Löschoszillator-Trafo T400 so abgleichen, dass am Testpunkt ERASE (MP8) eine Frequenz von 105kHz erreicht wird.
- Mit den Transformatoren T401 und T402 maximale Amplitude am Pin 1 und 4 des Aufnamekopf-Anschlusssteckers (P41) einstellen. Die Spannung am Testpunkt ERASE soll jetzt >26 Veff betragen.
- Am AUX IN Eingang des Verstärkers 0.5 Veff bei 500 Hz einspeisen.
- Signalpegel um 20 dB reduzieren.
- Mit den Potentiometern RA632 und RA633 auf der Anzeige -20dB einstellen.
- Die Spannung an den Testpunkten PB-L und PB-R als Referenzwert nehmen.
- Mit den Potentiometern RA400 und RA401 auf Referenzwert bei 12kHz einstellen. Dabei zuerst das Maximum suchen, von dort aus Potentiometer nach links (im Gegenuhrzeigersinn) drehen, bis der Referenzwert erreicht wird.
- Frequenz auf 500 Hz stellen und mit den Potentiometern RA632 und RA633 die Amplitude wieder auf Referenzwert korrigieren.
- Die Frequenzgangeinstellung bei 12 kHz wiederholen.
- Danach den Frequenzgang bei 18 kHz mit den Spulen L601 und L602 auf Referenzwert korrigieren.
- Den Pegel bei 500 Hz wieder um 20dB erhöhen und die Amplitude an den Testpunkten PB-L und PB-R (MP6) auf 565 mV einstellen. (Potentiometer RA632 und RA633)
- Nach korrekter Einstellung mit dem Wiedergabebezugsband des Typs IEC I sollte eine Frequenzgangkontrolle mit Kassetten des Typs IEC II und IV Werte entsprechend den technischen Spezifikationen ergeben.

Evolution service instructions

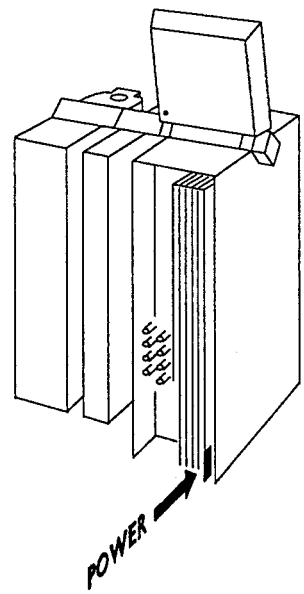
Contents

Note: The procedures for assembling and operating the evolution hi-fi system are described in detail in the "Evolution operating instructions", publication number 10.30.0300. It is assumed that the reader is familiar with its content.

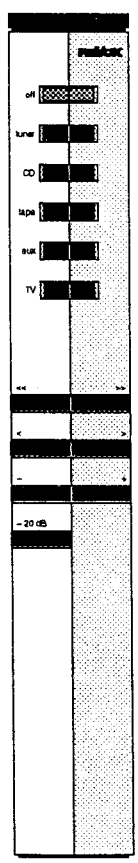
Display and Keyboard



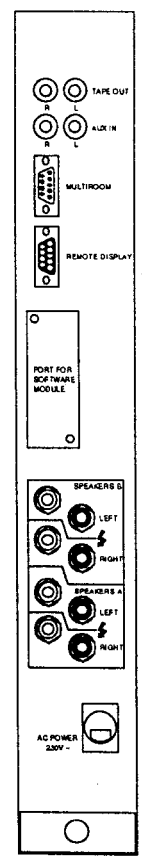
Rear view of basic components



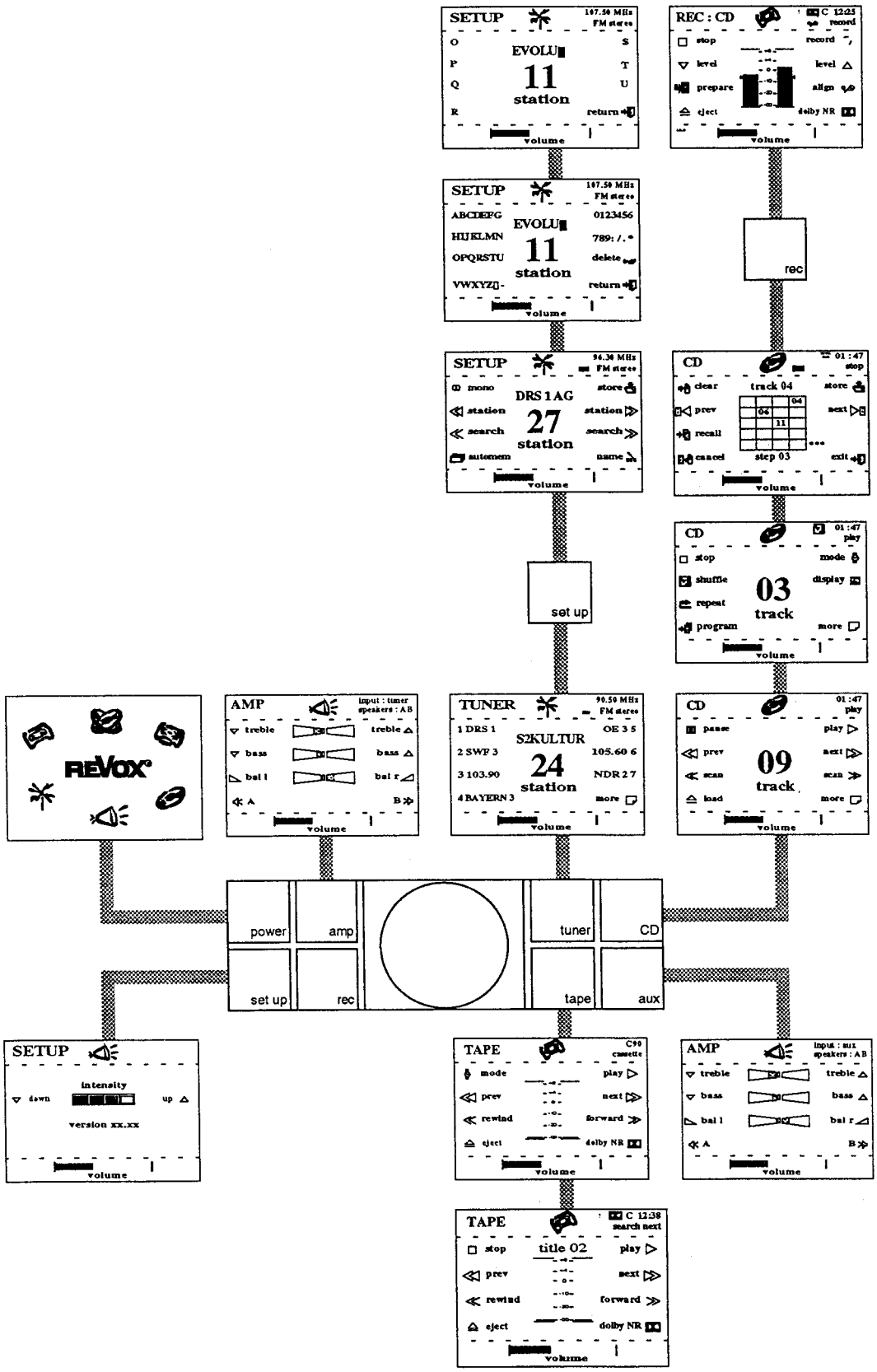
IR Remote Control



Connections on the amplifier rear panel



Overview • evolution operating menus



Technical data

General data

Amplifier, Tuner, CD-Player, Cassette Deck

Operation:
via menu on local display module
VOLUME with rotary knob
by remote handset IR-codes type RC-5
internal system communication via data bus

Local display:
LCD matrix display, backlight with
4-step intensity control
full graphics capability 320 x 240 dots

Power supply:
captured Euro-lead, 2-prong connector
for all voltages 50...60 Hz
220...230V AC 198...242 V, Fuse slow-blow 3.15 A

Power consumption maximum:

max:	600 W
operation: typ. depending on function	40..60 W
standby:	5 W

Operating conditions:

rel. humidity class F acc. DIN 40040	+10...+40° C

Dimensions (W x H x D in mm):

AMP+TUNER+CD :	max.	390 x 675 x 330
	min.	390 x 646 x 330
AMP+TUNER+CD+TAPE :	max.	535 x 675 x 330
	min.	535 x 646 x 330

Weight:

Amplifier:	14 kg
Tuner:	8 kg
CD-Player:	7 kg
Cassette Deck:	7 kg

Amplifier

Peak output power:
1 kHz, 1 period on/16 periods off:

	into 4 ohms	2 x 250 W
	into 8 ohms	2 x 130 W

Sinus power:

(DIN 45500):	into 4 ohms	2 x 150 W
	into 8 ohms	2 x 100 W
as per IEC 65:	into 8 ohms	2 x 100 W

Damping factor:

@ 1kHz / 8 ohms load	> 100

Harmonic distortion:

@ 1 kHz, 100W @ 4 Ohms	0.007%

Rise time:

with 4 ohms load:	7 µs
with 8 ohms load:	6 µs

Input sensitivity/Impedance AUX:

@ 1 kHz for 150W @ 4 ohms:	350 mV /47 k ohms
	nom. 500mV

Outputs:

Level / Impedance @ nominal input level:

TAPE OUT:	500 mV / 1 k ohms
PHONES:	8.5 V / 280 ohms
SPEAKERS A, B:	24.5 V / 60 m ohms

Tone control, parametric in ±4 steps:

BASS @ 40 Hz:	-14...+14 dB
TREBLE @ 14 kHz:	-12...+12 dB

Signal-to-noise ratio:
(ref. to nominal input level, unweighted):

@ 150W/4 ohms, 1kohms termination:	96 dB
@ 50mW/4 ohms, 1 kohms termination:	76 dB

Max. input level AUX: 5 V

Channel separation:

@ 1 kHz with 1kohm termination	70 dB

Frequency response:

20 Hz...20 kHz	+0/-0.5 dB

See also section «General data»

FM-Tuner

Unless otherwise stated, the following specs are measured at 98 MHz, with 1mV RF signal and 400Hz modulation.

Memory tuning:		max. 36 station memories
Tuning range:		87.50...108.00 MHz
Frequency steps:		50 kHz
Quartz reference:	accuracy:	0.002%
Image rejection:		100 dB
IF-Rejection:		100 dB
Spurious response rejection:		100 dB
RF-intermodulation:	(DF= 2MHz)	-86 dB
Bandwidth (-3dB):		130 kHz
Static selectivity:	@ 300 kHz	65 dB
AM-rejection: (30% AM, 75 kHz deviation)		70 dB
Frequency response:	20 Hz..15kHz	+0.5/-1.5 dB
De-Emphasis:		50 µs (75 µs)
AF-Distortion: (1 kHz, 40 kHz dev., Stereo L=R)		0.1%
Signal-to-noise ratio, unwtd: 30Hz...15 kHz, ref. to 75 kHz dev. Mono 1mV RF; Stereo 10 mV RF:		80 dB
Stereo channel separation: (1 kHz, 40 kHz dev.)		43 dB
Pilot tone suppression: (15...300 kHz, 75 kHz dev.)		66 dB
RDS-Decoder:		PS parameter decoded
Antenna input:	75 ohms coaxial acc. to IEC/DIN 54325	
Data storage at power failure:		with EEPROM
Power supply:		from amp. section of entire system

See also section «General data»

CD-Player

Frequency response:	31.5 Hz...20 kHz	± 0.2 dB
Harmonic distortion:	20Hz...20kHz:	< 0.005 %
Signal-to-noise ratio unweighted:	20Hz...20kHz	96 dB
A-weighted:		100 dB
Channel separation:	@ 1kHz:	96 dB
D/A-Conversion:	1-bit Bit-Stream technology	
Oversampling:		256-times
Digital filter:	20 bit (8-times oversampling)	
Access time for random location:		< 2 s
Power supply:	from amp. section of entire system	

See also section «General data»

Cassette deck

Tape transport:
Dual capstan tape transport with controlled spooling drive. Separate head-system for record and playback; ferrite erase head

Tape cassettes:
Compact-cassettes up to C-120 (recommended up to C-90)

Tape speed: 4.76 cm/s

Speed tolerance: ± 0.5%

Tape slip: < 0.3%

Wow & Flutter, weighted as per JIS:
for C60 and C90 in playback < 0.1%

Spooling time: for C-60 cassette approx. 95 sec

Tape counter:
Min/Sec. Indication of elapsed playing time
Zero-Reset on start tape leader

Automatic tape type detection / changeover:
for tape types I, II and IV

Recording system: HX-Pro Headroom Extension

Tape alignment:
automatic sequence for setting optimum bias for various tape brands and storage of values for types I, II, IV

Noise reduction system: Dolby B and C * type

Reproduce equalization:

Type I:	3180 + 120 µs
Type II:	3180 + 70 µs
Type IV:	3180 + 70 µs

Frequency response:
with tape, -20 dB, Dolby NR * = OFF, after alignment sequence:

Type I:	30 Hz...20 kHz	± 3 dB
Type II:	30.Hz...20 kHz	± 3 dB
Type IV:	30 Hz...20 kHz	± 3 dB

Output level:
200 nWb/m corresp. to 0dB = Dolby * -Level

Harmonic distortion (k3 of 333 Hz/ 200 nWb/m):

Type I:	< 1.0 %
Type II:	< 1.5 %
Type IV:	< 1.5 %

Signal-to-noise ratio Dolby C *:
ref. to 3% distortion:

Type I:	> 72 dB (A)
Type II:	> 73 dB (A)
Type IV:	> 73 dB (A)

Channel separation: @ 1 kHz > 40 dB

Bias / erase frequency: 105 kHz

Erase efficiency: @ 1 kHz (Dolby C * = on) > 65 dB

Input level from AUX-input:
for 0VU 500 mV / 47 k ohms

Output level on TAPE OUT:
@ 0VU 500 mV / 1 k ohms

Power supply: from amp. section of entire system

See also section «General data»

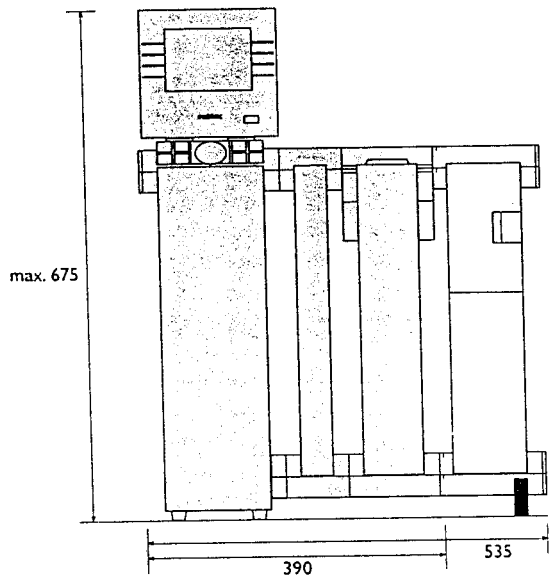
Subject to change

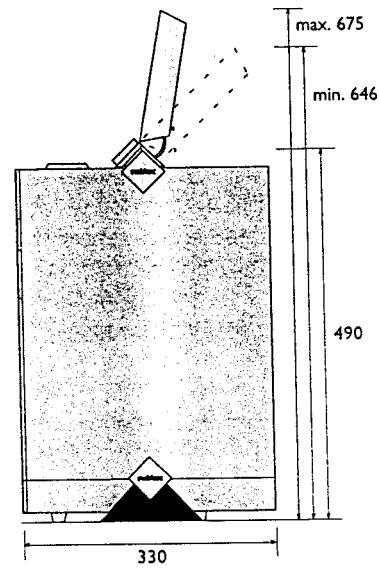
The tape specific measurements are achieved with modern, high-quality cassettes.
The setting ex-works is based upon the following brands:

Type I: TDK AR-X
Type II: BASF Chrome Super II
Type IV: TDK MA-X

* Dolby noise reduction and HX-Pro Headroom Extension manufactured under license from Dolby Laboratories Licensing Corporation. HX-Pro was created by Bang & Olufsen.

Dimensions (mm) evolution

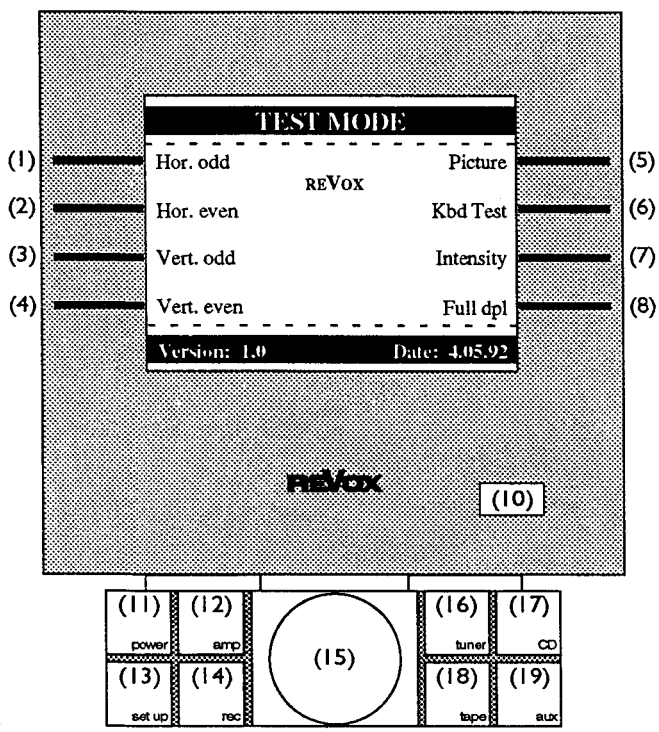




Keyboard and Display Test

- Correctly install the operating unit on a fully operational amplifier.
- The data and power supply bus (lower connection prism) of the amplifier has to be fitted with a termination cap.
- Connect the power cable to the mains and activate the amplifier by pressing the power switch on the rear panel (stand-by mode).

Test Mode



Activating the test mode

1. Switch on the system by pressing the power (11) key. Wait until the display changes from the initial "REVOX" Menu to one of the operating menus.
2. Simultaneously press keys (4) and (5).
3. Then press simultaneously keys (1) and (8).
4. The selection menu is displayed.

Test functions

The following tests can be performed with the keys (1) to (7) if the display operates correctly.

(1) **Hor. odd** Draws a horizontal line on all odd numbered lines.
(2) **Hor. even** Draws a horizontal line on all even numbered lines.
(3) **Vert. odd** Draws a vertical line on all odd numbered lines.
(4) **Vert. even** Draws a vertical line on all even numbered lines.
(5) **Picture** The Revox startup menu appears to show the display resolution
(6) **Kbd Test** Acknowledges each key stroke in the special "keyboard test" menu.
(7) **Intensity** The setup menu for checking the intensity is displayed.
(8) **Full dpl.** Activates all pixels of the display

Return to the selection menu

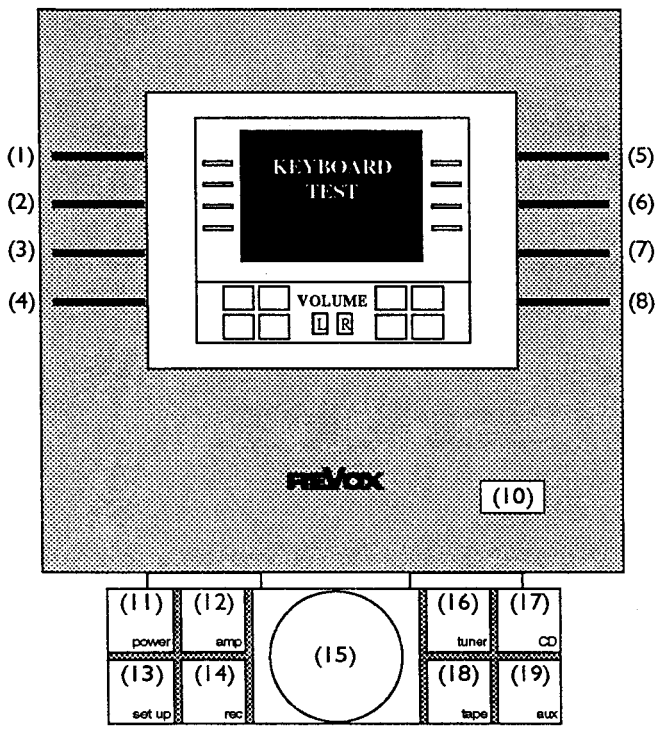
- Simultaneously press keys (1) and (5).

Return to the normal operating mode

- Press the power switch on the amplifier rear panel, then switch the unit on again.

Keyboard test menu

- In the test mode selection menu press key (6) **Kbd Test** => the following menu is displayed:



Each key stroke is acknowledged by the corresponding key area in the display module. When the volume control is actuated, "L" (left, ccw) or "R" (right, cw) lights up, depending on which direction the knob is rotated.

- Return to the selection menu by simultaneously pressing the keys (1) and (5).

Reception of remote control commands

- Use a correctly operating remote control unit (fresh batteries, correctly inserted).
- Whenever a remote control command is received via the window (10), the symbol ((•)) lights up on the display.

If all tests described above perform without errors, the control panel and the communication with the amplifier is operating correctly.

Amplifier quiescent current

The quiescent current is aligned on the amplifier unit 1.751.250.00:

- Connect the voltmeter to P1 and P2.
- Align to 1 mV DC with RA1 (1 kohm).

- Connect the voltmeter to P3 and P4.
- Align to 1 mV DC with RA2 (1 kohm).

Alignment of the FM tuner board

All alignment procedures are performed on the FM tuner board 1.752.180.20. Connect the tuner with a flat cable extension to the amplifier so that the tuner can be operated via the control panel and to gain access to the FM tuner board.

Test frequencies stored in the tuner

The following frequencies are foactory set:

Station:	*Frequency:*
1	87.50 MHz
2	90.00 MHz
3	98.00 MHz
4	106.00 MHz
5	108.00 MHz

Recalling the factory set frequencies

- Press the ***tuner*** key
- Press the ***setup*** key
- Press the ***automem*** "softkey" and keep it pressed for approximately 2 seconds
- While the automemory function is running, switch the system off and on again by pressing the ***power*** key twice. After that, the station memories contain the above listed test frequencies.

Local Oscillator: L701, C705

- Adjust L701 and C705 according to reference sample board
- Connect a digital voltmeter at ATP1 (C706-R722)
- Adjust L701 for a reading of 4.50V dc ± 0.05V at 87.50 MHz
- Adjust C705 for a reading of 24.00V dc ± 0.05V at 108.00 MHz
- Repeat the last two steps until both values remain within tolerance.

Oscillator-Buffer: L700, C718

- Pre-adjust L700 and C718 according to reference sample.
- Connect RF-voltmeter with probe to ATP2 (R215-C202); range 100 mV
- Adjust L700 for maximum RF reading at 90.00 MHz.
- Adjust C718 for maximum RF reading at 106.00 MHz.
- Repeat the last two steps until no significant improvement can be obtained.
- Reference value of voltage at ATP2: 50 mV AC
- **Important:** do not adjust on T200!

RF-resonant circuits: L102 ... C100

- Pre-adjust L102, L101, L103, L100, C115, C101, C103, C100 according to reference sample.
- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 90.000 MHz resp. 106.00 MHz, Input voltage U= approx. 0.6 mV (at beginning of alignment there may be a higher signal necessary).
- Connect the RF-voltmeter with probe to ATP3 (R320); range 300 mV
- Deactivate the AGC: rotate RA409 fully CCW.
- Set tuner to 90.00 respectively to 106.00 MHz
- At 90.00 MHz: adjust L102, L101, L103, L100 for maximum RF reading .
- At 106.00 MHz: adjust C115, C101, C103, C100 for maximum RF reading.
- Repeat the last two steps until no significant improvement can be obtained.
- Reference value of voltage at ATP3: 150 mV AC

First IF-circuit: T201

- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 98.000 MHz, Input voltage U= approx. 0.6 mV.
- Connect the RF-voltmeter with probe to ATP3 (R320); range 300 mV
- Deactivate the AGC: rotate RA409 fully CCW.
- Tuner frequency: 98.00 MHz
- Align T201 for maximum RF reading on voltmeter.
- Reference value of voltage at ATP3: 150 mV AC

Second IF-circuit: T300

- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 98.000 MHz, Input voltage U = approx. 0.6 mV.
- Connect the RF-voltmeter with probe to ATP3 (R320); range 300 mV
- Deactivate the AGC: rotate RA409 fully CCW.
- Tuner frequency: 98.00 MHz
- Align T300 for maximum RF reading on voltmeter.
- Reference value of voltage at ATP3: 150 mV AC

Attack point AGC
- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 98.000 MHz, input voltage U= 1 mV.
- Connect the RF-voltmeter with probe to ATP3 (R320); range 300 mV
- Rotate RA320 CW until RF-reading has dropped 2 dB.

Signal strength, setting of working point
- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 98.000 MHz, input voltage U = 50µV.
- Connect the DC-voltmeter to ATP9 (IC9, pin3), range 10 V
- Adjust to 3V with RA801.

FM-demodulator: RA412, T400, RA431
Bias of varicap diodes:
- Connect a digital voltmeter to ATP4 (IC1, pin7) Adjust to 7 V DC ± 0.1V with RA412.

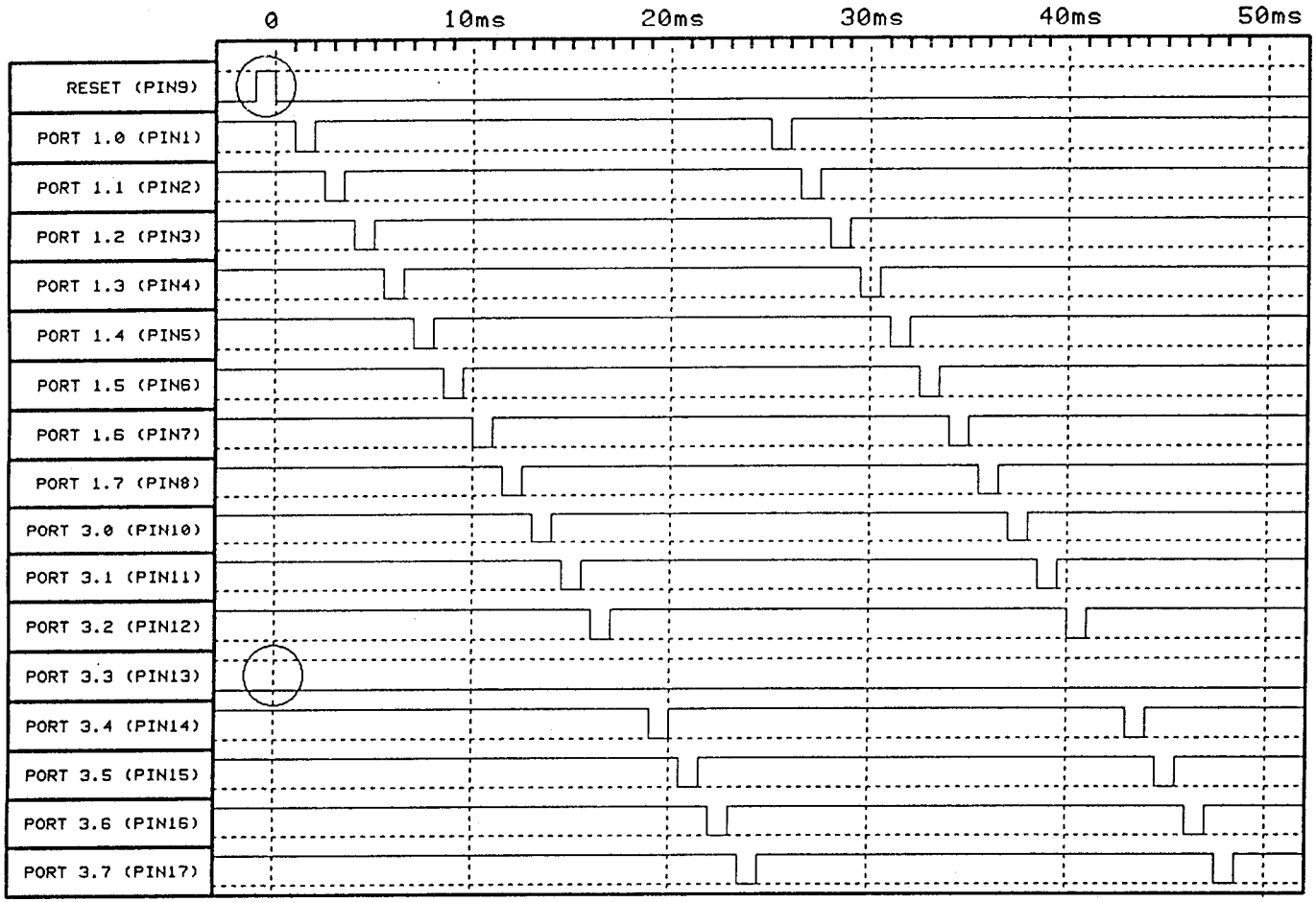
Center Tuning: T400
- Connect a digital voltmeter to ATP5 (IC1, pin1)
- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 98.000 MHz, U= 1 mV
  Tuner frequency: 98.00 MHz
- Adjust to 7V DC ± 0.1V with T400.

Demodulated MPX voltage: RA431
- Connect RF-testgenerator to antenna input - 75 kHz deviation,
- f= 1 kHz, Stereo L=R, no pilot tone carrier.
- Frequency: 98.000 MHz, U = 1 mV
- Tuner frequency: 98.00 MHz
- Adjust to 700 mV AC ± 20 mV with RA431.

Stereo-Decoder, 76 kHz Oscillator: RA520
- Connect the AC Volmeter to ATP5, range 1V
- Connect RF-testgenerator to antenna input - no modulation
- Frequency: 98.000 MHz, input voltage U = 1 mV
- Hook ATP6 (IC5, pin4) via 10 kohm resistor to +16.5V (R717).
- Connect counter to ATP6.
- Adjust RA520 for a reading of 76.00 ± 0.2 kHz

Stereo-Decoder, channel separation: RA517
- Connect RF-testgenerator to antenna input - 40 kHz deviation, f= 1 kHz, Stereo L=R + 9% pilot tone carrier.
- Frequency: 98.000 MHz, Input voltage: U = 1 mV
- Tuner frequency: 98.00 MHz
- Connect AC-voltmeter to ATP7 (R606), resp. ATP8 (R609) and calibrate for 0 dB.
- Switch Stereo-Coder to "R", resp. to "L" and adjust with RA517 for maximum channel separation.
- Limit: channel separation > 43 dB

Pilot tone suppression: L610, L611
- Connect RF-testgenerator to antenna input - 40 kHz deviation, modulation: only 9% pilot tone carrier.
- Frequency: 98.000 MHz, U= 1 mV
- Tuner frequency: 98.00 MHz
- Connect AC-voltmeter to ATP7 (R606), resp. ATP8 (R609) and adjust for maximum attenuation of pilot tone carrier with L610 resp. L611 (coil cores at output of filter circuit, close to R601, R622).
- **Important:** do not adjust on coil cores L610, L611 close to R613, R614!



INCIRCUIT TEST PROGRAM
FOR MICROCONTROLLER
80C652

+ DEVICE "RESET"
+ PORT 3.3 HOLD AT LOW LEVEL
(R6,R7) "TESTPOINT"
= LEADS INTO TEST SEQUENCE

+ MICROCONTROLLER IN "SLEEP MODE"
+ REACTIVATE WITH "RESET"

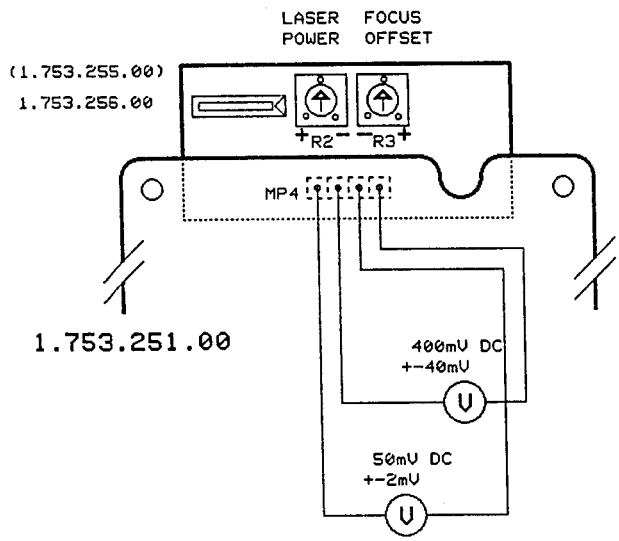
⓪ FEB-24-92 PS				
	evolution CD-PLAYER			PAGE 1 OF 1
REVOX	TIMING DIAGRAM OF TEST SEQUENCE		TD	1.753.201.20

CD player servo board alignment

Connect the CD player by means of a flat cable extension to the amplifier so that the unit can be operated via the control panel and to gain access to the servo board.

Important: This alignment is necessary after a replacement of the CD player mechanism or the servo board !

- Connect the voltmeter to MP4.
- Set R2 and R3 to their center position.
- Insert test CD No. 3, play track 1.
- Align R2 for a reading of 50 mV DC ±2 mV at MP4.
- Align R3 for a reading of 400 mV DC ±40 mV at MP4.



Cassette deck alignment

Connect the cassette deck with the aid of a flat cable extension to the amplifier so that the cassette deck can be operated via the control panel and to gain access to the electronics.

Reproduce/record electronics
Main board 1.755.220

Multiplex filter
- Switch MPX ON, Dolby OFF, and set the RECORD VOLUME to 0 dB.
- Feed 0.5 V rms at 19 kHz to AUX IN connector of the amplifier.
- Align L203 and L202 in such a way that the amplitude at REC L and REC R (MP7) is minimal. The attenuation at 19 kHz should be > 30 dB.

Aligning the display
- Switch the cassette deck to stop and feed a 0.5 V at 500 Hz to AUX IN connector of the amplifier.
- Turn potentiometer RA506 to the center position.
- With potentiometers RA504 and RA536 align the display to a reading of 0 dB.
- Decrease the level by 20 dB and align both channels to -20 dB with potentiometer RA506. (- 20 dB ± 0.5 dB).

Aligning the reproduce section
- Switch off the cassette deck and demagnetize all tape guidance elements.
- Switch MPX and DOLBY NR OFF.
- Insert a reproduce reference tape type IEC I into the cassette compartment and play the level tone section (315 Hz 250 nWb/m).
- With potentiometers RA132 and RA105, align the voltage at test points REC L and REC R to 308 mVeff.
- Align the azimuth at -10 dB relative to 250 nWb/m at 10 kHz to maximum amplitude and minimum phase error between L and R.
- Align with potentiometers RA118 and RA123 for linear reproduce frequency at 18 kHz. Test points PB-L and PB-R (MP6), reference level -20 dB of the measuring tape.

Aligning the record section
- The following cassette types are used in factory for aligning the record section:
  IEC I: TDK AR-X60
  IEC II: BASF Chrome Super II
  IEC IV: TDK MA-X60.

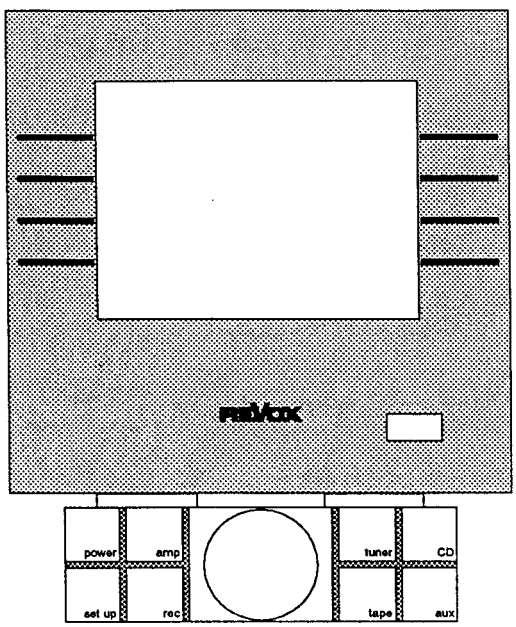
Alignment procedure
- Connect MPX and DOLBY NR to OFF, set the RECORD VOLUME to 0 dB.
- Align potentiometers RA400 and RA401 so that 11 V DC are obtained at pins 4 and 18 of IC519.
- Insert cassette type IEC I and start the cassette deck in record mode.
- Align the erase oscillator transformer T400 in such a way that a frequency of 105 kHz is obtained at the ERASE test point (MP8).
- With the transformers T401 and T402 align for maximum amplitude at Pins 1 and 4 of the record head connector P41. The voltage at the ERASE test point (MP8) should now be >26 Veff.
- Feed 0.5 Veff at 500 Hz to AUX IN connector of the amplifier.
- Reduce the signal level by 20 dB.
- With the potentiometers RA632 and RA633 align the reading on the display to -20 dB.
- Take the voltage at test points PB-L and PB-R as the reference level.
- With the potentiometers RA400 and RA 401 align to 0 dB at 12 kHz. First search the maximum and then turn the potentiometer counterclockwise until the reference level is reached.
- Set the frequency to 500 Hz and with potentiometers RA632 and RA633 correct the amplitude to the reference level.
- Repeat the frequency response alignment at 12 kHz.
- Then correct the frequency response at 18 kHz with the coils L601 and L602 to the reference level.
- Increase the level at 500 Hz by 20 dB and align the amplitude at test points PB-L and PB-R (MP6) to 565 mV. (Potentiometers RA632 and RA633).
- Check the frequency response with the cassette types IEC II and IV. After a correct alignment, the values should correspond to the technical specifications.

Manuel de service evolution

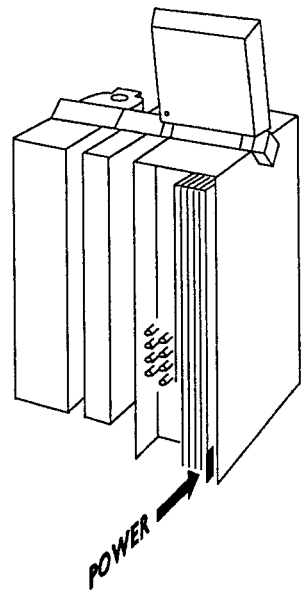
Table des matières

Remarque: L'assemblage ainsi que le fonctionnement et l'utilisation de la chaîne haute fidélité evolution sont décrits en détail dans le mode d'emploi evolution, numéro de commande 10.30.0300. Le présent manuel de service présuppose que l'on connaisse ce mode d'emploi.

Affichage et unité de commande

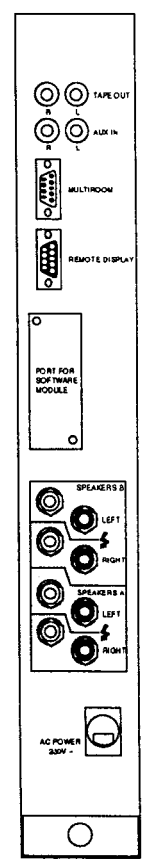


Composants de base evolution

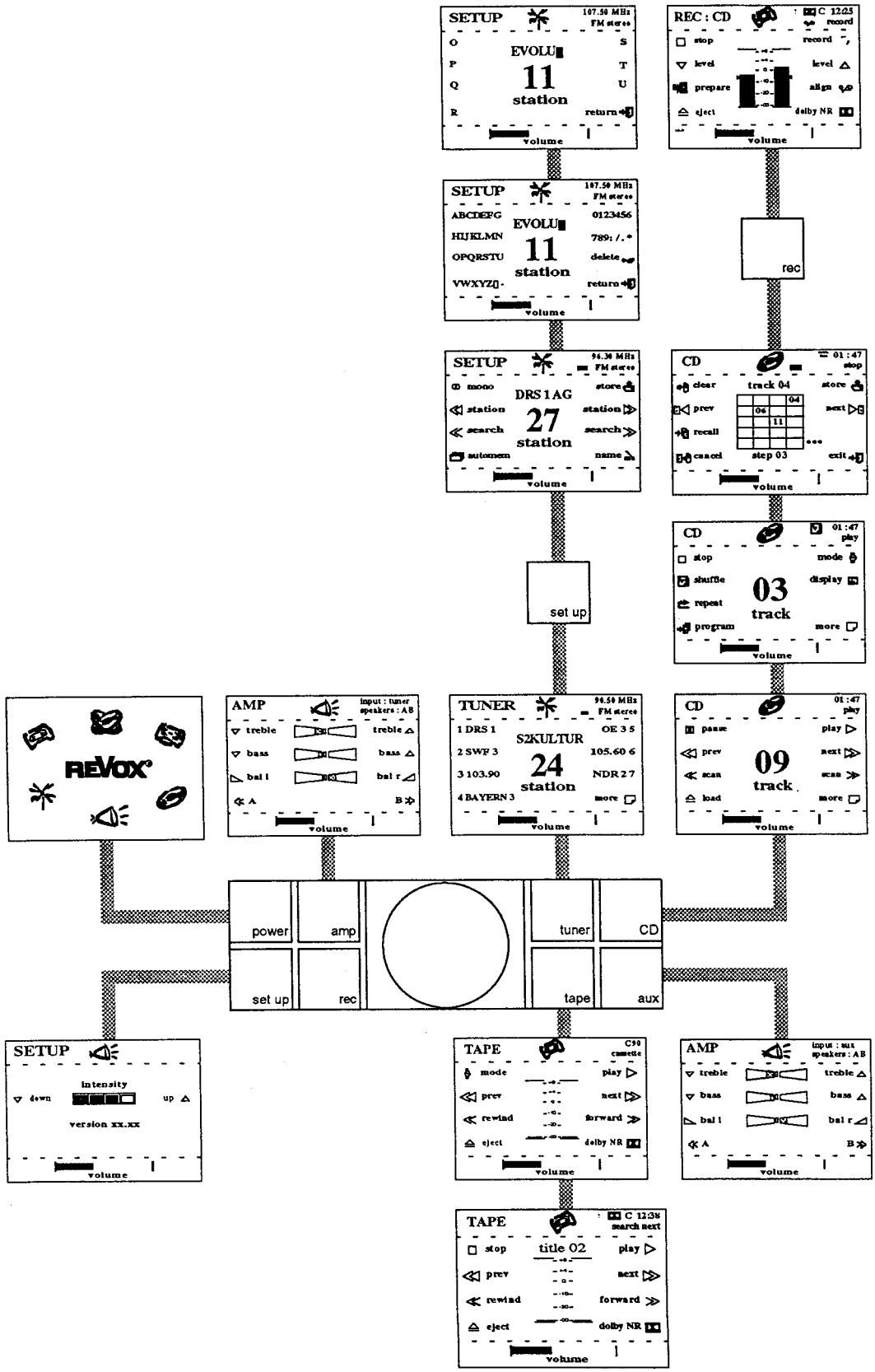


Télécommande IR

Raccords sur la face arrière de l'amplificateur



Vue d'ensemble • menus de commande evolution



Caractéristiques techniques

Caractéristiques générales

Amplificateur, Tuner FM, Lecteur CD,
Platine à cassettes

Commande:
via menu de l'unité d'affichage
réglage du VOLUME par bouton rotatif
télécommande par code IR du type RC-5
système interne de communication via data bus

Affichage local:
Afficheur à matrice LCD éclairée
réglable sur 4 niveaux
haute résolution 320 x 240 points

Alimentation:
câble fixe, fiche EURO à 2pôles
pour tous les voltages 50...60 Hz
220...230 V AC 198...242 V,
fusible réseau T 3.15 A retardé

Consommation:

max:	600 W
en service: typique, selon la fonction:	40...60 W
en veille:	5 W

Conditions environnementales de fonctionnement:
humidité relative classe F selon DIN 40040 +10...+40°C

Dimensions extérieures (L x H x P):

AMP+TUNER+CD:	max.	390 x 675 x 330mm
	min.	390 x 646 x 330mm
AMP+TUNER+CD+TAPE:	max.	535 x 675 x 330mm
	min.	535 x 646 x 330mm

Poids (masse):	Amplificateur:	14 kg
	Tuner:	8 kg
	Lecteur CD:	7 kg
	Platine à cassettes:	7 kg

Amplificateur:

Puissance maximale:
1 kHz, 1 période en, 16 périodes hors:

sur 4 ohms:	2 x 250 W
sur 8 ohms:	2 x 130 W

Puissance sinus:

selon DIN 45500:	sur 4 ohms:	2 x 150 W
	sur 8 ohms:	2 x 100 W
selon CEI 65:	sur 8 ohms:	2 x 100 W

Facteur d'amortissement: à 1 kHz, 8 ohms: >100

Distorsions harmoniques:
à 1 kHz et 100 W sur 4 ohms: 0.007 %

Temps de montée:

pour charge 4 ohms:	7 µs
pour charge 8 ohms:	6 µs

Sensibilité d'entrée / impédance AUX:
pour 1 kHz à 150 W sur 4 ohms: 350 mV / 47 k ohms
nominale: 500 mV

Sorties:

Niveau / impédance à tension nominale d'entrée:

TAPE OUT:	500 mV / 1 k ohms
PHONES:	8.5 V / 280 ohms
SPEAKERS A/B:	24.5 V / 60 m ohms

Réglage de tonalité, par ± 4 pas:

graves à 40 Hz:	-14...+14 dB
aiguës à 14 kHz:	-12...+12 dB

Rapport signal / bruit AUX:
(à tension nominale d'entrée)

pour 150 W / 4 ohms, chargé à 1 k ohms:	96 dB
pour 50 mW / 4 ohms, chargé à 1 k ohms:	76 dB

Tension maximale d'entrée AUX: 5 V

Séparation des canaux:
à 1 kHz, chargé à 1 k ohms: 70 dB

Réponse en fréquence:
20...20 kHz: +0 / -0.5 dB

Voir aussi section "Charactéristiques générales"

Tuner FM

Sauf indication contraire, les données suivantes sont mesurées à 98 MHz, signal HF 1 mV modulé à 400 Hz.

Présélection des stations: max. 36 mémoires de stations

Plage de réception: 87.50...108.00 MHz

Par pas de: 50 kHz

Référence quartz: précision: 0.002 %

Rejection de la fréquence-image: 100 dB

Affaiblissement de la fréq. intermédiaire: 100 dB

Affaiblissement de la voie adjacente: 100 dB

Affaiblissement d'intermodulation HF (par rapport à la sensibilité limité à un écart de fréquence de 2 MHz): -86 dB

Largeur de bande (-3 dB): 130 kHz

Sélection statique: à ± 300 kHz: 65 dB

Atténuation d'intermodulation HF:
(30 % AM, 75kHz d'excursion de fréquence) 70 dB

Courbe de réponse en fréq.: (20..15kHz) +0.5 / -1.5 dB

Désaccentuation: 50 µs (75 µs)

Distorsions BF: (1 kHz, 40 kHz d'excursionde fréquence, stéréo L=R) 0.1 %

Rapport signal / bruit:
(30 Hz...15 kHz, 75 kHz d'excursion de fréquence, mono 1 mV HF; stéréo 10 mV HF) 80 dB

Affaiblissement de diaphonie stéréo:
(1 kHz, 40 kHz d'excursion de fréquence) 43 dB

Affaiblissement de la tonalité pilote:
(15..300kHz, 75kHz d'excursion de fréq.) 66 dB

Decodeur RDS: interprétation du paramètre PS

Entrée d'antenne: 75 ohms coaxiale, selon CEI/DIN 54325

Mémorisation lors d'une coupure: dans un EEPROM

Alimentation: Alimenté par l'amplificateur du système

Voir aussi section "Charactéristiques générales"

Lecteur CD

Réponse en fréquence:
31.5 Hz...20 kHz ± 0.2 dB

Distorsions:
20 Hz...20 kHz < 0.005 %

Ecart signal / bruit:
linéaire: 20 Hz..20 kHz 96 dB
pondéré A: 100 dB

Affaiblissement de diaphonie: à 1 kHz 96 dB

Niveau de sortie AUX:
à 0 dB Niveau de référence sur CD 2.0 V ± 10 %

Conversion D/A:
1-bit, technologie Bit-Stream en mode différentiel

Suréchantillonage: x 256

Filtre digital: 20 bit (8-fois suréchantillonage)

Temps de recherche sur un point quelquonque: < 2 s

Alimentation: Alimenté par l'amplificateur du système

Voir aussi section "Charactéristiques générales"

Platine à cassettes

Transport de bande:
transport de bande à double cabestan à entraînement asservi, systèmes séparés de têtes d'enregistrement et de reproduction, tête d'effacement à ferrite

Support d'enregistrement:
cassettes compactes jusqu'à C-120, recommandé jusqu'à C-90

Vitesse de bande: 4,76 cm/s

Tolérance de vitesse de bande: ± 0.5 %

Glissement de la bande: < 0,3 %

Pleurage:
pondéré selon JIS pour cassettes C-60 et C-90, en mode de lecture < 0.1 %

Temps de bobinage: 95 s pour cassette C-60

Minuterie de bande:
min / sec (temps écoulé réel), remise à zéro au début de la bande

Commutateur automatique du type de bande:
pour types I, II et IV

Système d'enregistrement:
extension de dynamique active HX PRO *

Aide d'étalonnage:
Réglage automatique de la prémagnétisation pour toutes les bandes avec mise en mémoire des paramètres pour les types I, II et IV.

Système de réduction de bruit: Dolby B et C *

Egalisation de reproduction:

type I:	3180 + 120 µs
type II:	3180 + 70 µs
type IV:	3180 + 70 µs

Réponse en fréquence:
sur bande, -20 dB, Dolby NR * = OFF, après l'alignement automatique:

type I:	30Hz...20 kHz ± 3 dB
type II:	30Hz...20 kHz ± 3 dB
type IV:	30Hz...20 kHz ± 3 dB

Etalonnage de niveau:
200 nWb/m, correspondant à 0 dB = niveau Dolby *

Distorsion harmonique:
à 200 nWb/m (k3 de 333Hz)

type I:	<1.0 %
type II:	<1.5 %
type IV:	<1.5 %

Rapport signal / bruit Dolby C *:
par rapport à une distortion de 3%:

type I:	> 72 dB (A)
type II:	> 73 dB (A)
type IV:	> 73 dB (A)

Séparation des canaux: à 1 kHz: supérieure à -40 dB

Fréquence de prémagnétisation/effacement: 105 kHz

Efficacité d'effacement:
à 1 kHz (Dolby C * = ON) > 65 dB

Niveau d'entrée AUX:
à 0 VU: 500 mV / 47 k ohms

Niveau de sortie TAPE OUT:
à 0 VU: 500 mV / 1 k ohms

Alimentation:
Alimenté par l'amplificateur du système

Voir aussi section "Charactéristiques générales"

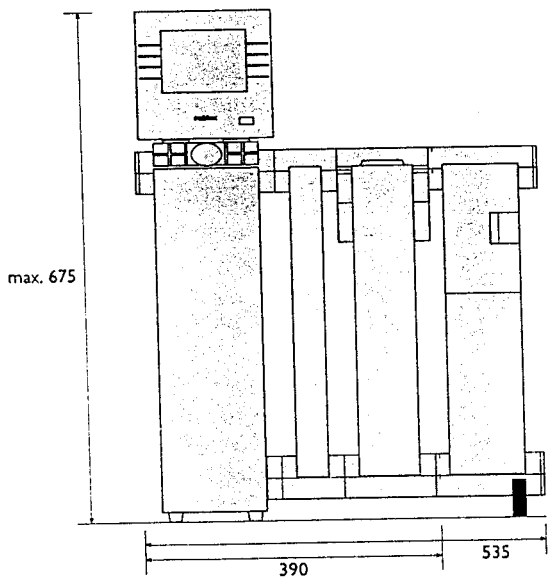
Modifications réservées

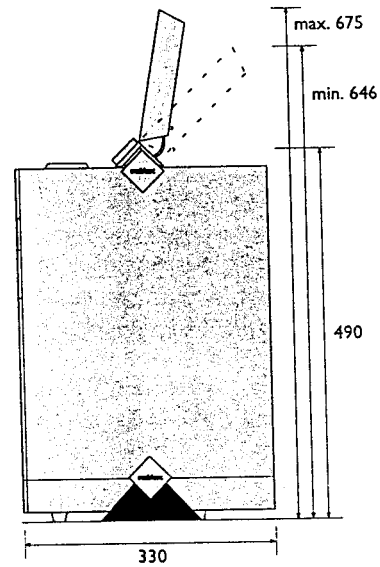
Les spécifications de la bande sont obtenues avec des cassettes modernes de haute qualité. Spécifications obtenues avec:

type I:	TDK AR-X
type II:	BASF Chrome Super II
type IV:	TDK MA-X

* La réduction de bruit Dolby et l'extension de dynamique active HX Pro sont fabriquées sous licence de Dolby Laboratories Licensing Corporation. Le HX Pro a été créé par Bang & Olufsen. DOLBY, le symbole double D et HX PRO sont des marques déposées de Dolby Laboratories Licensing Corporation.

Dimensions (mm) evolution

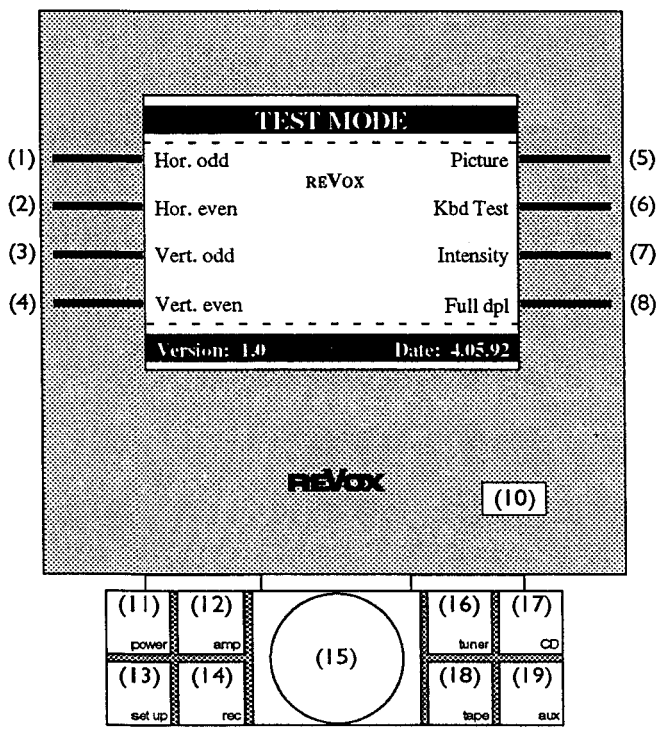




Essai de l'affichage et du clavier

- Monter correctement l'unité de commande sur un amplificateur en état de fonctionnement.
- Le bus de données et d'alimentation (prisme inférieur de raccordement) de l'amplificateur doit être pourvu d'une fiche de terminaison.
- Raccorder le câble réseau de l'amplificateur au réseau et enclencher l'amplificateur en actionnant l'interrupteur réseau à l'arrière de l'appareil (Stand by).

Mode de test



Activation du mode de test

1. Enclencher l'installation avec la touche power (11); attendre jusqu'à ce que l'affichage change du menu initial «REVOX» à un des menus de commande.
2. Presser simultanément les touches (4) et (5)
3. Presser ensuite simultanément les touches (1) et (8)
4. Le menu de sélection du mode de test apparaît

Fonctions de test

Les tests suivants peuvent être effectués avec les touches (1)...(7) lorsque l'affichage est dans un état parfait:

(1) **Hor. odd** dessine une ligne horizontale sur toutes les lignes impaires
(2) **Hor. even** dessine une ligne horizontale sur toutes les lignes paires
(3) **Vert. odd** dessine une ligne verticale sur toutes les lignes impaires
(4) **Vert. even** dessine une ligne verticale sur toutes les lignes paires
(5) **Picture** Le menu initial Revox apparaît pour indiquer la résolution d'affichage
(6) **Kbd Test** quittance de chaque pression sur une touche au menu spécial "Keyboard Test"
(7) **Intensity** Le menu Setup apparaît pour le contrôle d'intensité
(8) **Full dpl.** Active tous les points d'image de l'affichage

Retour au menu de sélection

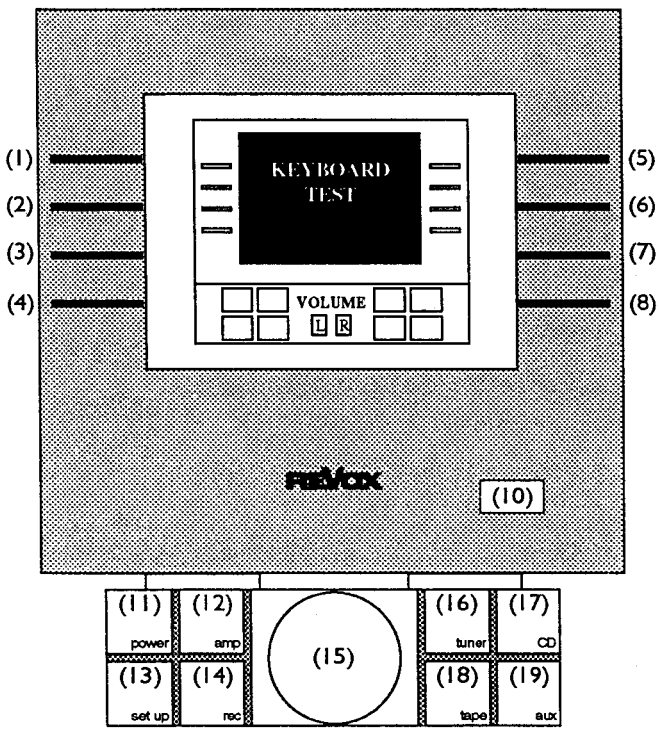
- Presser simultanément les touches (1) et (5)

Retour au mode d'exploitation normal

- Actionner l'interrupteur réseau à l'arrière de l'amplificateur puis réenclencher.

Menu de test de clavier

- Au menu de sélection du mode de test, presser la touche (6) **Kbd Test** => le menu suivant apparaît:



Chaque touche actionnée est confirmée sur le modèle d'affichage par allumage de la touche correspondante. Pour le réglage de volume, on a "L" et "R" pour rotation à gauche et à droite respectivement.

- Pour revenir au menu de sélection, presser simultanément les touches (1) et (5).

Réception des commandes à distance

- Utiliser une télécommande evolution fonctionnant correctement (batteries neuves, montées correctement).
- A la réception de chaque instruction de télécommande, par la fenêtre de réception IR (10), le symbole ((•)) apparaît à l'affichage.

Une fois que tous les tests décrits sont effectués correctement, l'unité de commande et la communication avec l'amplificateur fonctionnent.

Réglage du courant de repos d'amplificateur

Le réglage du courant de repos se fait sur l'Amplifier Unit 1.751.250.00:

-Relier le voltmètre à P1 et P2
-Régler à 1 mV DC avec RA1 (1 kohms)

-Relier le voltmètre à P3 et P4
-Régler à 1 mV DC avec RA2 (1 kohms)

Alignement du FM-Tuner Board

Toutes les procédures d'alignement se font sur le FM-Tuner Board 1.752.180.20. Le tuner est relié à l'amplificateur au moyen de rallonges de câbles plats afin de permettre d'une part la commande du tuner par l'unité de commande et de garantir d'autre part l'accès à la platine FM-Tuner.

Fréquences de test stockées sur le tuner

Les fréquences suivantes sont mises en mémoire d'usine:

Station:	*Fréquence:*
1	87,50 MHz
2	90,00 MHz
3	98,00 MHz
4	106,00 MHz
5	108,00 MHz

Rappel des réglages d'usine

- Presser la touche ***tuner***
- Presser la touche ***setup***
- Presser environ 2 secondes la touche ***automem***
- Pendant la recherche automatique mettre hors service l'installation à l'aide de la touche ***power***, puis la réenclencher.
- Les stations 1 ... 5 seront à nouveau programmées avec les fréquences ci-dessus.

Oscillateur local: L701, C705

- Prérégler L701 et C705 selon modèle
- Relier le voltmètre numérique à ATP1 (C706-R722)
- Régler à 4,50 V DC ± 0,05 V au moyen de L701 à 87,50 MHz
- Régler à 24,00 V DC ± 0,25 V avec C705 à 108,00 MHz
- Répéter les deux dernières opérations jusqu'à ce que les valeurs soient dans la tolérance

Etage-tampon d'oscillateur: L700, C718

- Prérégler L700 et C718 selon modèle
- Relier le voltmètre HF à ATP2 (R215-C202), calibre 100 mV
- Régler au maximum de HF avec L700 à 90 MHz
- Régler au maximum de HF avec C718 à 106,00 MHz
- Répéter les deux dernières opérations jusqu'à ce que l'on ne puisse plus obtenir d'améliorations notables
- Valeur indicative de la tension à ATP2: 50 mV AC
- **Attention:** Ne pas dérégler T200!

Circuits HF: L102...C100

- Prérégler L102, L101, L103, L100, C115, C101, C103, C100 selon modèle
- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquences: 90,000 MHz resp. 106,000 MHz
- Tention d'entrée: U = env. 0,6 mV; au début, éventuellement un peu plus
- Relier le voltmètre HF à ATP3 (R320), calibre 0,3 V
- Couper le CAG, mettre RA409 à la butée gauche
- Tuner: 90,00 MHz, resp. 106,00 MHz
- A 90,00 MHz: régler L102, L101, L103 et L100 au maximum de HF
- A 106,00 MHz: régler C115, C101, C103 et C100 au maximum de HF
- Répéter les deux dernières opérations jusqu'à ce que les valeurs soient dans la tolérance
- Valeur indicative de la tension en ATP3: 150 mV AC

Premier circuit FI: T201

- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquence: 98,000 MHz,
  Tension d'entrée U = env. 0,6 mV
- Relier le voltmètre HF à ATP3 (R320), calibre 0,3 V
- Couper le CAG, mettre RA409 à la butée gauche
- Tuner: 98,00 MHz
- Régler T201 au maximum de HF
- Valeur indicative de la tension à ATP3: 150 mV AC

Second circuit FI: T300

- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquence: 98,000 MHz,
  Tension d'entrée U = env. 0,6 mV
- Relier le voltmètre HF à ATP3 (R320), calibre 0,3 V
- Couper le CAG, mettre RA409 à la butée gauche
- Tuner: 98,00 MHz
- Régler T300 au maximum de HF
- Valeur indicative de la tension à ATP3: 150 mV AC

Seuil du contrôle automatique de gain (CAG)

- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquence: 98,000 MHz, tension d'entrée U = 1 mV
- Relier le voltmètre HF à ATP3 (R320), calibre 0,3 V
- Mettre RA320 à droite jusqu'à ce que la tension HF tombe de 2 dB

Point de travail d'intensité du signal
- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquence: 98,000 MHz, tension d'entrée U = 50 µV
- Relier le voltmètre DC à ATP9 (IC9 broche 3), calibre 10 V
- Régler RA801 pour 3 V

Démodulateur FM: RA412, T400, RA431

Tension de polarisation des diodes capacitives:
- Relier le voltmètre numérique à ATP4 (IC1, broche 7)
- Régler RA412 à 7 V DC ± 0,1 V

Center Tuning T400
- Relier le voltmètre numérique à ATP5 (IC1, broche 1)
- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquence: 98,000 MHz, tension d'entrée U = 1 mV
- Tuner: 98,00 MHz
- Régler T400 pour 7 V DC ± 0,1 V

Tension MPX démodulée: RA431
- Relier le voltmètre AC à ATP5, calibre 1 V AC
- Injecter à l'entrée antenne le signal de générateur HF à 75 kHz d'excursion, 1 kHz, Stereo L=R, sans pilote
- Fréquence: 98,000 MHz, tension d'entrée U = 1 mV
- Tuner: 98,00 MHz
- Régler RA431 pour 0,7 V AC ± 0,02 V

Décodeur stéréo, oscillateur 76 kHz: RA520
- Injecter le signal du générateur HF sans modulation à l'entrée antenne
- Fréquence: 98.000 MHz, tension d'entrée U = 1 mV
- Mettre ATP6 (IC5 broche 4) à +16,5 V (R717) à travers 10 kohms
- Relier le compteur à ATP6
- Régler RA520 pour 76,00 kHz ± 0,2 kHz

Diaphonie, décodeur stéréo: RA517
- Injecter le signal de générateur HF à l'entrée antenne avec encodeur stéréo
- Fréquence: 98,000 MHz, tension d'entrée: U = 1 mV, Stereo L=R modulé, course 40 kHz, 1 kHz plus 9% de pilote
- Tuner: 98,00 MHz
- Relier le voltmètre AC à ATP7 (R606) et ATP8 (R609) respectivement et calibrer à 0 dB
- Commuter l'encodeur stéréo à R et L respectivement et régler l'affaiblissement de diaphonie au maximum avec RA517.
- Affaiblissement de diaphonie: >43 dB

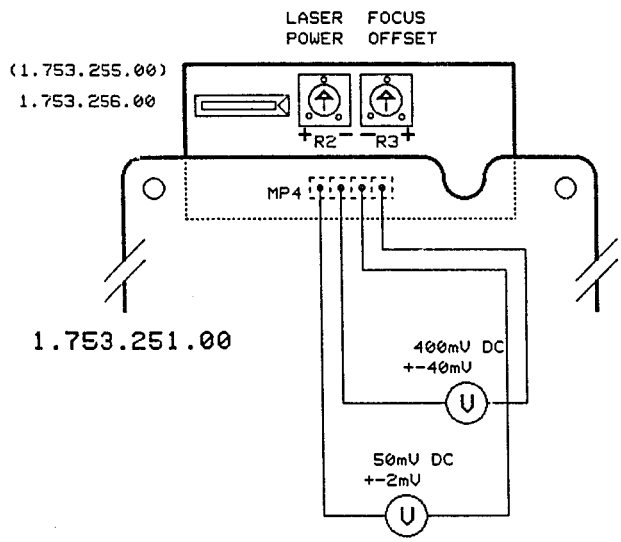
Affaiblissement de pilote: L610, L611
- Injecter le signal de générateur HF à l'entrée antenne avec encodeur stéréo
- Fréquence: 98,000 MHz, tension d'entrée: U = 1 mV, modulation par pilote seulement à 9%, course 40 kHz
- Tuner: 98,00 MHz
- Relier le voltmètre AC à ATP7 (R606) et ATP8 (R609) respectivement et régler l'affaiblissement de pilote au maximum avec L610 et L611 respectivement (bobines à la sortie de filtre à côté de R601, R622)
- **Attention:** Ne pas dérégler L610 et L611 (bobines à l'entrée de filtre à côté de R613, R614).

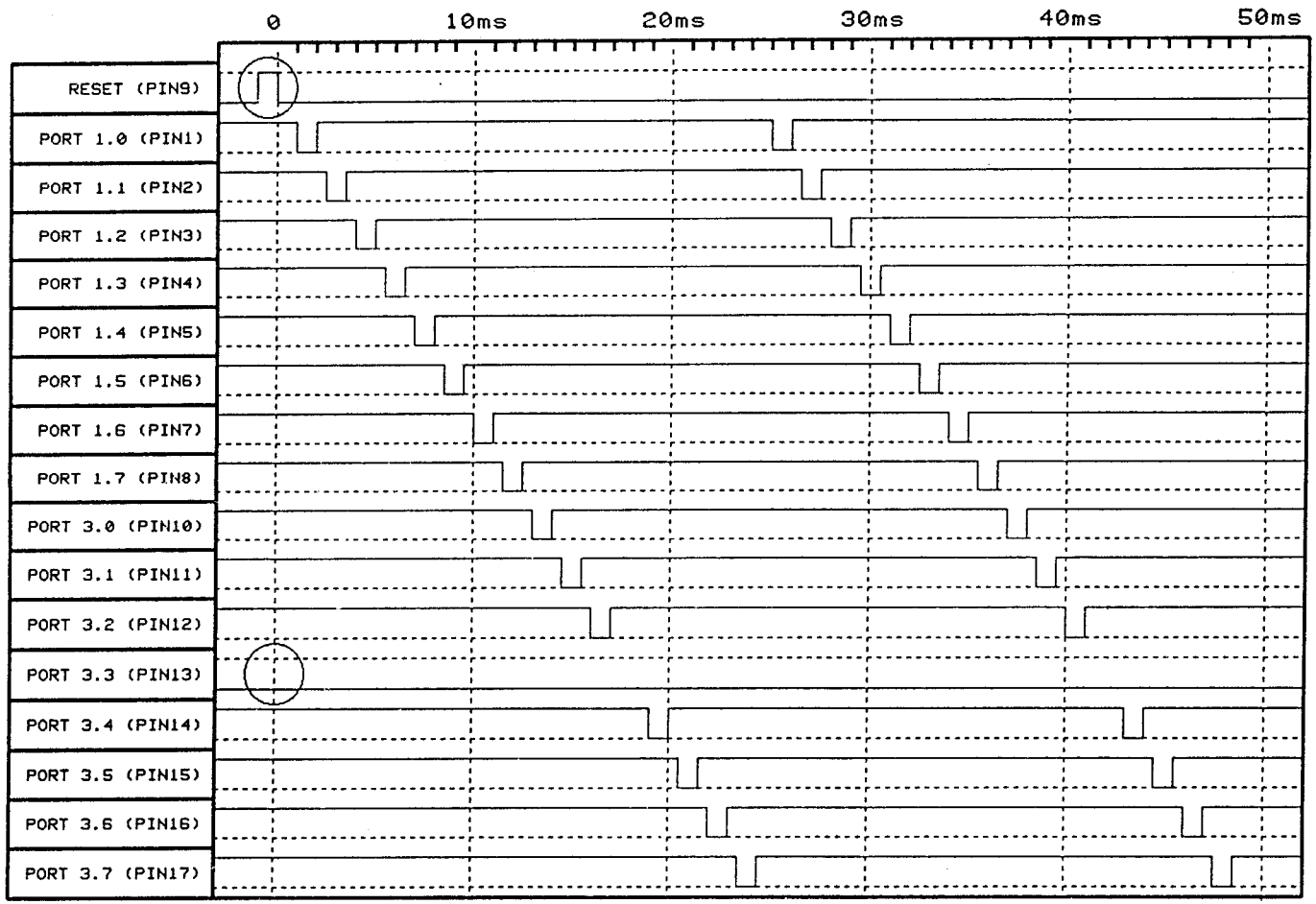
Lecteur CD: Servo Board

Le lecteur CD est relié à l'amplificateur à l'aide de rallonges de câbles plats afin de permettre d'une part la commande du lecteur CD par l'unité de commande et d'autre part de garantir l'accès au Servo Board.

Attention: Cet alignement est nécessaire après un remplacement du mécanisme CD ou du Servo Board!

- Relier le voltmètre à MP4
- Mettre R2 et R3 en position médiane
- Utiliser le CD de test no. 3 et reproduire la piste 1
- Régler R2 de manière à avoir 50 mV DC ± 2 mV à MP4
- Régler R3 de manière à avoir 400 mV DC ± 40 mV à MP4





INCIRCUIT TEST PROGRAM
FOR MICROCONTROLLER
80C652

+ DEVICE "RESET"
+ PORT 3.3 HOLD AT LOW LEVEL
(R6,R7) "TESTPOINT"
= LEADS INTO TEST SEQUENCE

+ MICROCONTROLLER IN "SLEEP MODE"
+ REACTIVATE WITH "RESET"

FEB-24-92 PS				
	evolution CD-PLAYER			PAGE 1 OF 1
REVOX	TIMING DIAGRAM OF TEST SEQUENCE		TD	1.753.201.20

Magnétophone à cassettes

Le magnétophone à cassettes est relié à l'amplificateur au moyen de rallonges de câbles plats afin de permettre d'une part la commande du magnétophone par l'unité de commande et d'autre part de garantir l'accès à l'électronique.

Alignement de l'électronique d'enregistrement et de reproduction, Main board 1.755.220

Filtre mulitplex

- Mettre MPX sur ON, DOLBY NR sur OFF et RECORD VOLUME à 0 dB.
- Injecter 0,5 Veff à 19 kHz sur la prise d'entrée AUX IN de l'amplificateur.
- Régler L203 et L202 de manière à avoir une amplitude minimale aux points de test REC L et REC R (MP7). L'affaiblissement à 19 kHz doit être >30 dB.

Réglage de l'affichage

- Mettre l'appareil sur stop et injecter un signal de 0,5 V à 500 Hz sur la prise d'entrée AUX IN de l'amplificateur.
- Mettre le potentiomètre RA506 en position médiane.
- Mettre l'affichage à 0 dB avec les potentiomètres RA504 et RA536.
- Réduire le niveau de 20 dB et régler sur les deux canaux la valeur -20 dB ± 0,5 dB avec le potentiomètre RA506.

Réglage de la partie reproduction

- Mettre l'appareil hors tension et démagnétiser les pièces de guidage de bande.
- Mettre MPX et DOLBY NR sur OFF.
- Mettre la bande de référence de reproduction du type CEI I dans le compartiment à cassette et démarrer à la partie de référence (315 Hz 250 nWb/m).
- Régler un niveau de 308 mVeff aux points de test REC L et REC R (MP7). Le réglage se fait avec les potentiomètres RA132 et RA105.
- Réglage d'azimut à -10 dB par rapport à 250 nWb/m, à 10 kHz pour amplitude maximale et déphasage minimal entre L et R.
- Régler avec les potentiomètres RA118 et RA123 la courbe de réponse de reproduction à 18 kHz pour obtenir une linéaritée maximale. Points de test PB-L et PB-R (MP6), niveau de référence -20 dB de la bande de mesure.

Réglage de la partie enregistrement

- Pour régler la partie enregistrement, on utilise les types de cassettes suivants:
  CEI I: TDK AR-X60
  CEI II: BASF Chrome Super II
  CEI IV: TDK MA-X60

Procédure

- Mettre MPX et DOLBY NR sur OFF, RECORD VOLUME à 0 dB.
- Régler avec les potentiomètres RA400 et RA401 une tension continue de 11 V aux broches 4 et 18 du CI519.
- Mettre une cassette type CEI I et faire démarrer l'appareil en enregistrement.
- Régler le transformateur d'oscillateur d'effacement T400 de manière à avoir au point de test ERASE (MP8) une fréquence de 105 kHz.
- Régler les transformateurs T401 et T402 pour une amplitude maximale aux broches 1 et 4 de la fiche de tête d'enregistrement P41. La tension au point de test ERASE (MP8) doit désormais être >26 Veff.
- Injecter 0,5 Veff à 500 Hz sur la prise d'entrée AUX IN de l'amplificateur.
- Réduire le niveau de signal de 20 dB.
- Régler -20 dB à l'affichage avec les potentiomètres RA632 et RA633.
- Prendre comme niveau de référence la tension aux points de test PB-L et PB-R.
- Régler les potentiomètres RA400 et RA401 le niveau de référence 12 kHz. Chercher d'abord le maximum, faire tourner le potentiomètre depuis ce point à gauche (sens antihoraire) jusqu'à atteindre le niveau de référence .
- Mettre la fréquence à 500 Hz et corriger l'amplitude à nouveau au niveau de référence avec les potentiomètres RA632 et RA633.
- Répéter le réglage de courbe de réponse à 12 kHz.
- Ensuite, corriger au niveau de référence avec les bobines L601 et L602 à 18 kHz.
- Augmenter le niveau à 500 Hz de 20 dB à nouveau et régler à 565 mV l'amplitude aux points de test PB-L et PB-R (potentiomètres RA632 et RA633).
- Après un alignement correct les valeurs des types CEI II et IV doivent correspondre.

Schematic diagrams

evolution system block diagram

Operating unit, Remote control

Control board	1.750.017.21
Keyboard	1.750.019.81
Remote control board	1.750.012.81

Amplifier

Block diagram	1.751.100.00
Mains transformer 230 V	1.751.200.00
Control unit	1.751.220.20
Control unit	1.751.220.21
Memory card (option)	1.751.230.20
Amplifier unit	1.751.250.00
Amplifier unit	1.751.250.81
Speaker terminal	1.751.260.00
Prisma connectors	

Tuner

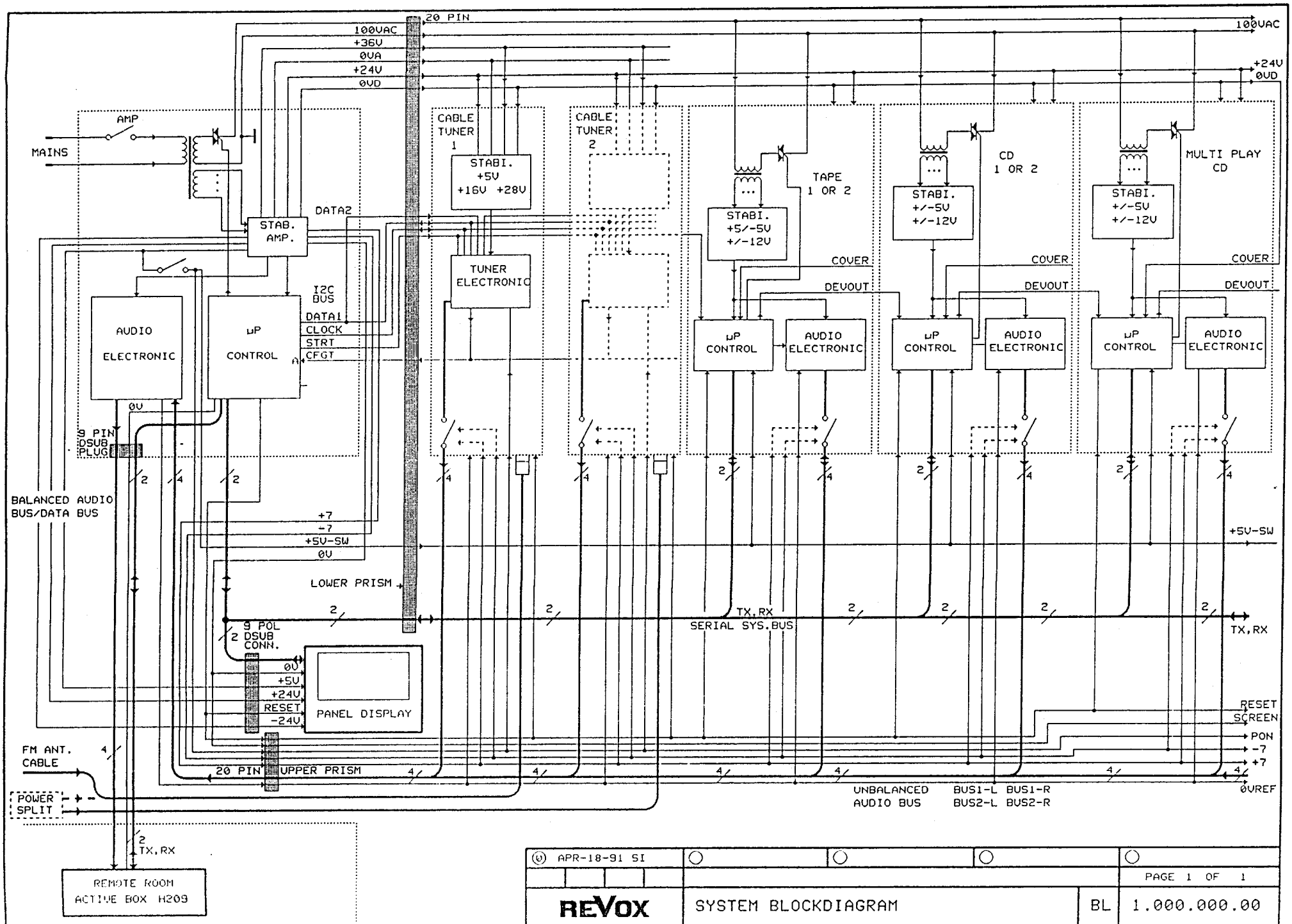
Block diagram	1.752.180.20
FM-Tuner unit	1.752.180.20
FM-Tuner unit	1.752.180.21
Interconnection unit top	1.752.230.00
Interconnection unit bottom	1.752.240.00

CD-Player

Block diagram	1.753.000.00
Supply controller board	1.753.200.20
Cover sensor unit	1.753.230.00
Decoder board	1.753.250.00
Servo board modifications	1.753.251.00
Converter board modifications	1.753.252.00
Flex jumper extension	1.753.256.00
«Verdrahtung CD-Antrieb»	1.753.257.00
«Unterbrecher»	1.753.258.00
Audio buffer unit	1.753.260.00
Bus connection unit top	1.753.270.00
Bus connection unit bottom	1.753.280.00
«Motor kpl.»	1.753.352.00

Cassette deck

Block diagram	1.755.010.00
Power supply board	1.755.200.21
Eject control board	1.755.210.00
Main board	1.755.220.00
Interconnection unit top	1.755.230.00
Interconnection unit bottom	1.755.240.00



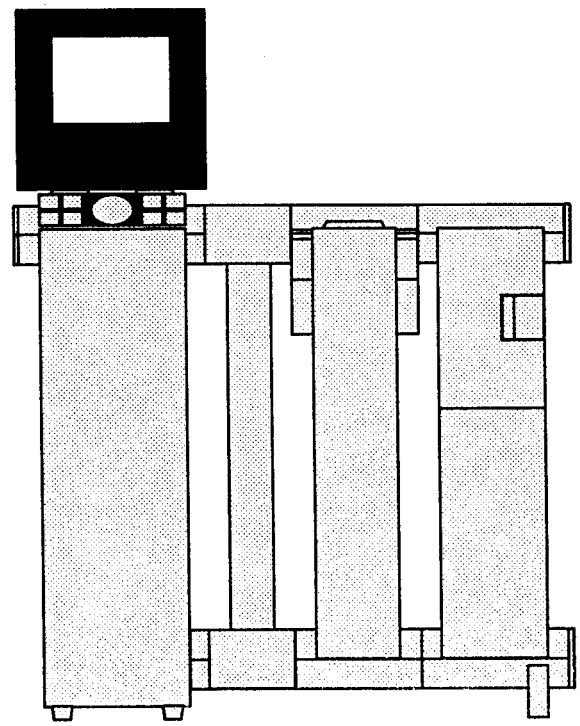
© APR-18-91 SI					PAGE 1 OF 1
REVOX	SYSTEM BLOCKDIAGRAM			BL	1.000.000.00

Schemata Bedienungseinheit, Handfernbedienung

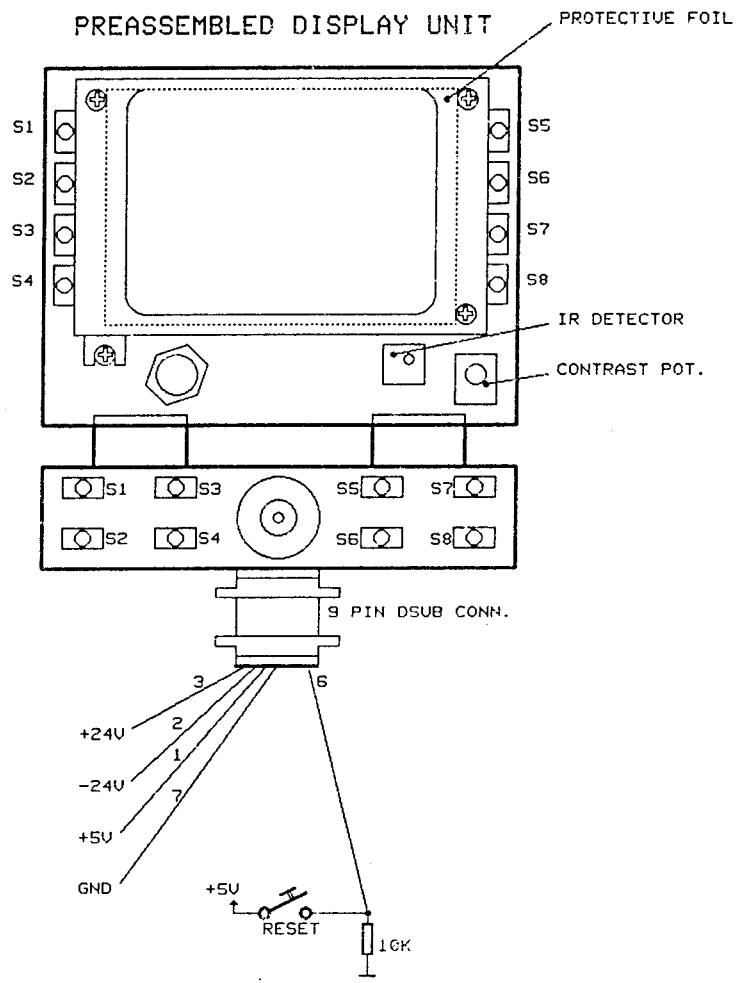
Schematic diagrams operating unit, remote control

Schémas de l'unité de commande et de la télécommande

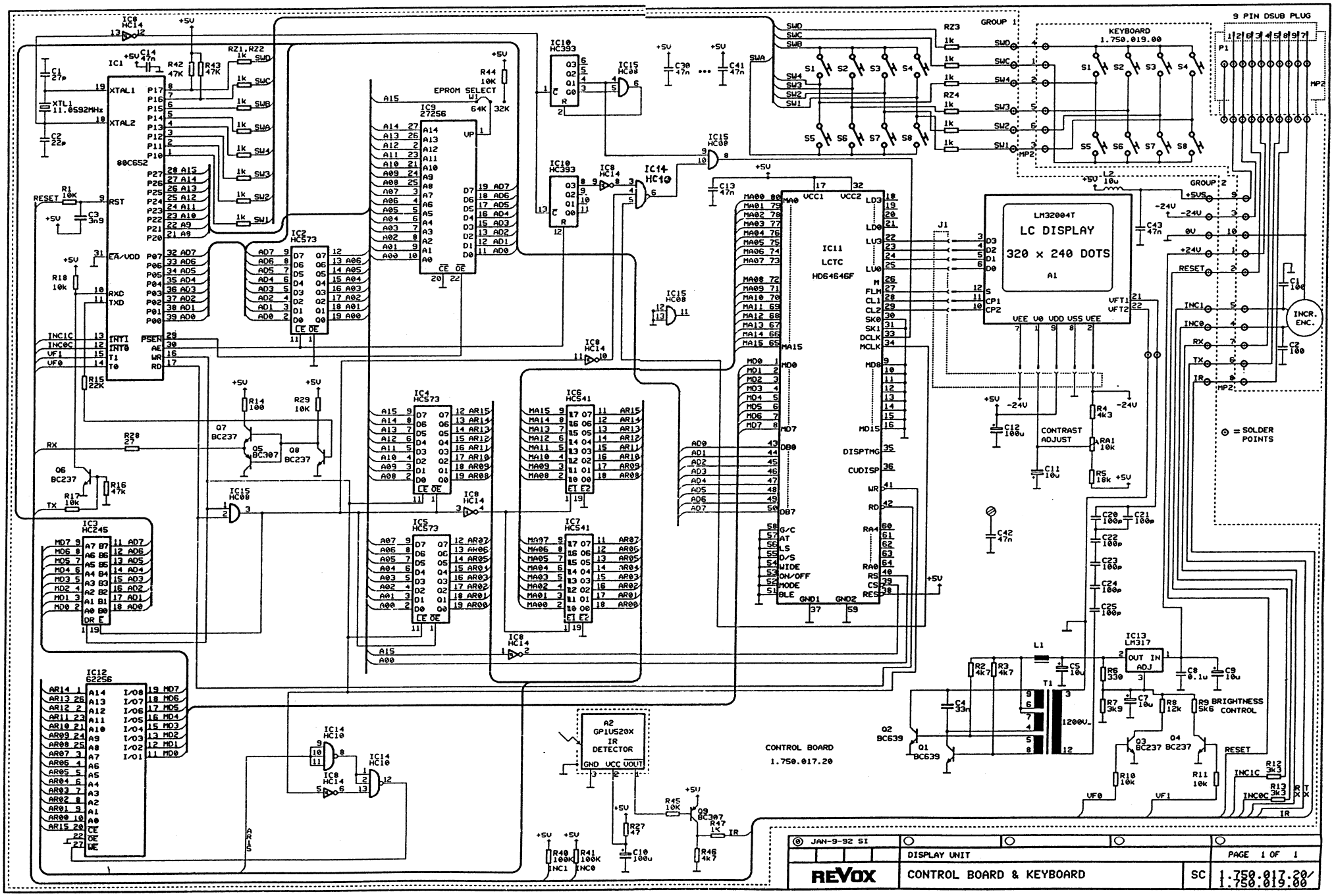
Control board	1.750.017.21
Keyboard	1.750.019.81
Remote control board	1.750.012.81

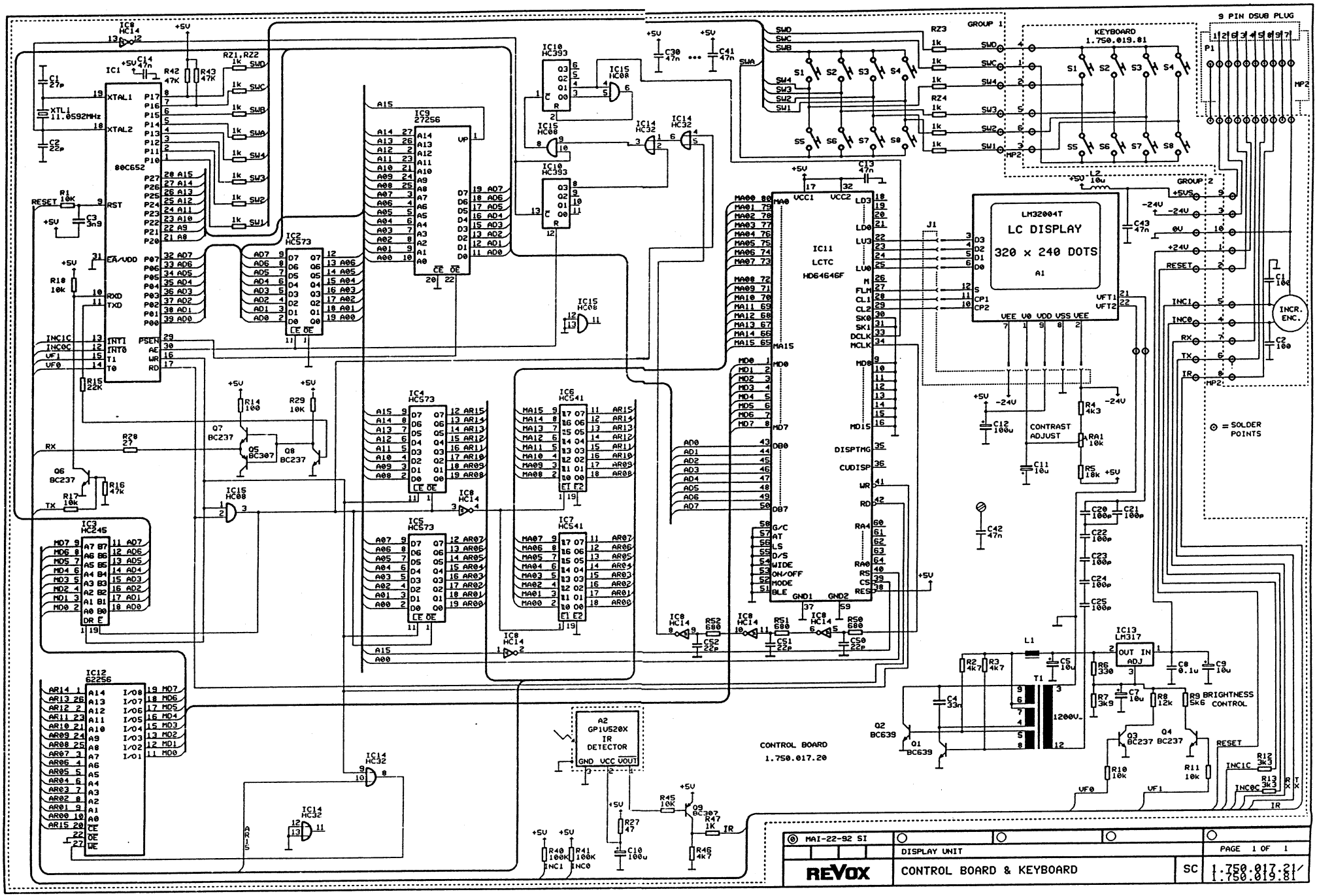


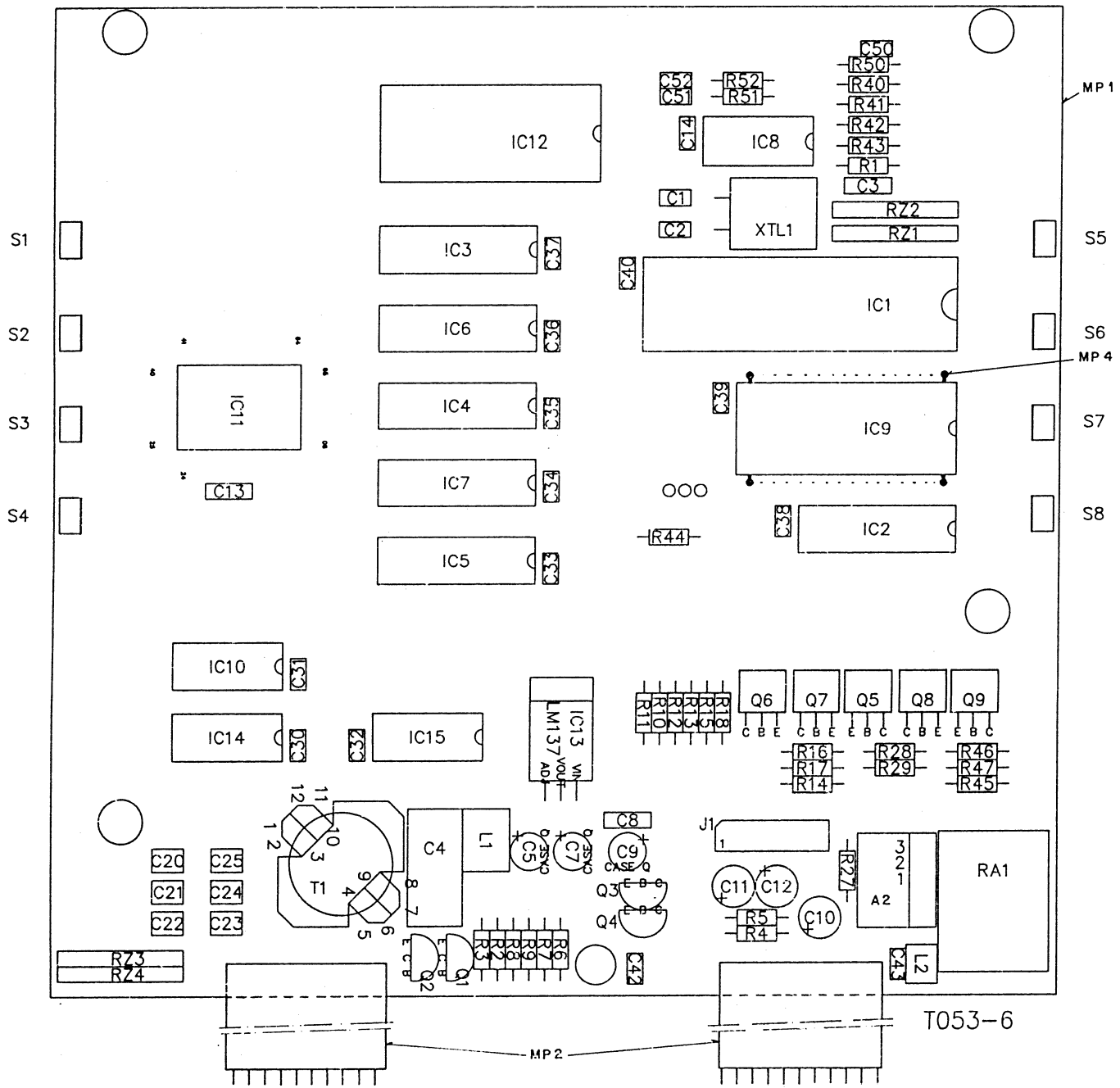
PREASSEMBLED DISPLAY UNIT



⓪ JAN-28-92 SI					
	DISPLAY UNIT D-SERIE				PAGE 1 OF 1
REVOX				SC	1.750.017.20 / 1.750.019.00


9 PIN DSUB PLUG
KEYBOARD
1.750.019.00
GROUP 1
GROUP 2
LM32004T
LC DISPLAY
320 x 240 DOTS
A1
IC11
LCTC
HD64646F
EPROM SELECT
64K
32K
= SOLDER POINTS
CONTRAST ADJUST
BRIGHTNESS CONTROL
CONTROL BOARD
1.750.017.20
A2
GP1US20X
IR DETECTOR
JAN-9-92 SI
DISPLAY UNIT
PAGE 1 OF 1
REVOX
CONTROL BOARD & KEYBOARD
SC
1.750.017.20/
1.750.019.00


9 PIN DSUB PLUG
KEYBOARD
1.750.019.81
GROUP 1
GROUP 2
LM32004T
LC DISPLAY
320 x 240 DOTS
A1
IC11
LCTC
HD66466F
80C652
IC1
IC2
HC573
IC3
HC245
IC4
HC573
IC5
HC573
IC6
HC541
IC7
HC541
IC9
27256
IC12
62256
IC13
LM317
A2
GP1U520X
IR
DETECTOR
GND VCC VOUT
CONTROL BOARD
1.750.017.20
CONTRAST
ADJUST
INCR.
ENC.
= SOLDER
POINTS
BRIGHTNESS
CONTROL
MAI-22-92 SI
DISPLAY UNIT
REVOX
CONTROL BOARD & KEYBOARD
SC
1.750.017.21/
1.750.019.81
PAGE 1 OF 1



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	DIN-Bez.:		Beh.:						②
	Abmessung:								①
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							Datum	Gez.	Gepr.	Ges.	Index
Ersatz für:		Ersetzt durch:				Kopie für:					
STUDER REGENSDORF ZÜRICH		Benennung: CONTROL BOARD				Nummer: 1.750.017 – 21					

1.750.017.21 CONTROL BOARD

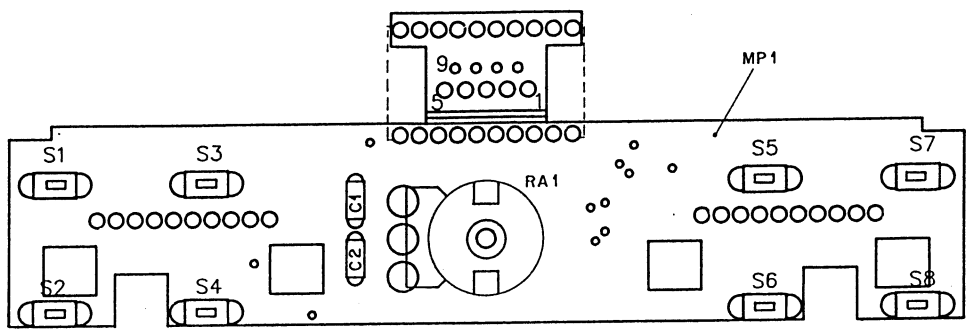
Ad	..Pos..	...Ref.No...	Description		
	A.....1	73.01.0156	LM32004T	LCD Unit Spec.No.LC90X06	SHARP
	A.....2	50.99.0185	GP1U520X	IR Remote Detecting Circ.	SHARP
	C.....1	59.34.2270	27 p	5% , 25V , CER	
	C.....2	59.32.1220	22 p	5% , 25V , CER	
	C.....3	59.99.1103	3.9 n	5% , 63V , CER	
	C.....4	59.05.6333	33 n	10% ,400V , PP	
	C.....5	59.22.6100	10 u	-20% , 35V , EL	
	C.....7	59.22.6100	10 u	-20% , 35V , EL	
	C.....8	59.06.0104	100 n	10% , 50V , PETP	
	C.....9	59.22.6100	10 u	-20% , 35V , EL	
	C....10	59.22.3101	100 u	-20% , 10V , EL	
	C....11	59.22.6100	10 u	-20% , 35V , EL	
	C....12	59.22.3101	100 u	-20% , 10V , EL	
	C....13	59.99.1021	47 n	20% , 50V , CER	
	C....14	59.99.1021	47 n	20% , 50V , CER	
	C....20	59.32.1101	100 p	10% ,400V , CER	
	C....21	59.32.1101	100 p	10% ,400V , CER	
	C....22	59.32.1101	100 p	10% ,400V , CER	
	C....23	59.32.1101	100 p	10% ,400V , CER	
	C....24	59.32.1101	100 p	10% ,400V , CER	
	C....25	59.32.1101	100 p	10% ,400V , CER	
	C....30	59.99.1021	47 n	20% , 50V , CER	
	C....31	59.99.1021	47 n	20% , 50V , CER	
	C....32	59.99.1021	47 n	20% , 50V , CER	
	C....33	59.99.1021	47 n	20% , 50V , CER	
	C....34	59.99.1021	47 n	20% , 50V , CER	
	C....35	59.99.1021	47 n	20% , 50V , CER	
	C....36	59.99.1021	47 n	20% , 50V , CER	
	C....37	59.99.1021	47 n	20% , 50V , CER	
	C....38	59.99.1021	47 n	20% , 50V , CER	
	C....39	59.99.1021	47 n	20% , 50V , CER	
	C....40	59.99.1021	47 n	20% , 50V , CER	
	C....41	59.99.1021	47 n	20% , 50V , CER	
	C....42	59.99.1021	47 n	20% , 50V , CER	
	C....43	59.99.1021	47 n	20% , 50V , CER	
	C....50	59.32.1220	22 p	5% , 25V , CER	
	C....51	59.32.1220	22 p	5% , 25V , CER	
	C....52	59.32.1220	22 p	5% , 25V , CER	
	IC....1	50.16.0131	PCB80C652	8-Bit Microcontroller	Philips
	IC....2	50.17.1573	74HC573	Octal D-Type Latch	Any
	IC....3	50.17.1245	74HC245	Octal Bus Transceiver	Any
	IC....4	50.17.1573	74HC573	Octal D-Type Latch	Any
	IC....5	50.17.1573	74HC573	Octal D-Type Latch	Any
	IC....6	50.17.1541	74HC541	Octal Bus Buffer	Any
	IC....7	50.17.1541	74HC541	Octal Bus Buffer	Any
	IC....8	50.17.1014	74HC14	Hex Schmittrigger Inv.	Any
	IC....9	1.750.018.20	27C512-2	5 Display EPROM 50.14.2002	REVOX
	IC...10	50.17.1393	74HC393	Dual Binary Counter	Any
	IC...11	50.11.0158	HD64646F	LCD Controller	Hitachi
	IC...12	50.14.1004	HM62256-1	5 32k x 8-Bit Static RAM	Hitachi
	IC...13	50.10.0104	LM317	Adj. Voltage Regulator TO220	Any
	IC...14	50.17.1032	74HC32	Quad 2-Input OR Gate	Any
	IC...15	50.17.1008	74HC08	Quad 2-Input AND Gate	Any
	J.....1	54.99.0310	12 P	FFC/FPC Connector Pitch=1.25	MOLEX
	L.....1	62.02.4221	220 uH	10% Choke Coil 270 mA	
	L.....2	62.02.3100	10 uH	10% Choke Coil 290 mA	
	MP....1	1.750.017.12	1 pcs	Control PCB	REVOX
	MP....2	64.03.0506	2 pcs	Flex Jumper 101.6mm Pich=2.54	Ansley
	MP....3	58.99.0146	1 pcs	Shaft for RA1,4322 046 20092	Philips
	MP....4	53.99.0999	28 pcs	Socket Pin Type H3153-T6	Harwin
	MP....5	53.03.0228	3 pcs	Socket Pin Wire Wrap	
	MP....6	1.750.017.01	1 pcs	Mechanical Part	
	Q.....1	50.03.0551	BC639	Transistor NPN Uce>80V	2SC2655
	Q.....2	50.03.0551	BC639	Transistor NPN Uce>80V	2SC2655
	Q.....3	50.03.0436	BC547B	General Purpose NPN	
	Q.....4	50.03.0436	BC547B	General Purpose NPN	
	Q.....5	50.03.0515	BC557B	General Purpose PNP	
	Q.....6	50.03.0436	BC547B	General Purpose NPN	
	Q.....7	50.03.0436	BC547B	General Purpose NPN	
	Q.....8	50.03.0436	BC547B	General Purpose NPN	
	Q.....9	50.03.0515	BC557B	General Purpose PNP	
	R.....1	57.11.3103	10 k	5%, 0.4W MF	
	R.....2	57.11.3472	4.7 k	5%, 0.4W MF	
	R.....3	57.11.3472	4.7 k	5%, 0.4W MF	
	R.....4	57.11.3432	4.3 k	5%, 0.4W MF	
	R.....5	57.11.3183	18 k	5%, 0.4W MF	
	R.....6	57.11.3331	330	5%, 0.4W MF	
	R.....7	57.11.3392	3.9 k	5%, 0.4W MF	
	R.....8	57.11.3123	12 k	5%, 0.4W MF	
	R.....9	57.11.3562	5.6 k	5%, 0.4W MF	
	R....10	57.11.3103	10 k	5%, 0.4W MF	
	R....11	57.11.3103	10 k	5%, 0.4W MF	
	R....12	57.11.3332	3.3 k	5%, 0.4W MF	
	R....13	57.11.3332	3.3 k	5%, 0.4W MF	
	R....14	57.11.3101	100	5%, 0.4W MF	
	R....15	57.11.3223	22 k	5%, 0.4W MF	
	R....16	57.11.3473	47 k	5%, 0.4W MF	
	R....17	57.11.3103	10 k	5%, 0.4W MF	
	R....18	57.11.3103	10 k	5%, 0.4W MF	
	R....27	57.11.3470	47	5%, 0.4W MF	
	R....28	57.11.3270	27	5%, 0.4W MF	
	R....29	57.11.3103	10 k	5%, 0.4W MF	
	R....40	57.11.3473	47 k	5%, 0.4W MF	
	R....41	57.11.3473	47 k	5%, 0.4W MF	
	R....42	57.11.3473	47 k	5%, 0.4W MF	
	R....43	57.11.3473	47 k	5%, 0.4W MF	
	R....45	57.11.3103	10 k	5%, 0.4W MF	
	R....46	57.11.3472	4.7 k	5%, 0.4W MF	
	R....47	57.11.3102	1 k	5%, 0.4W MF	
	R....50	57.11.3681	680	5%, 0.4W MF	
	R....51	57.11.3681	680	5%, 0.4W MF	
	R....52	57.11.3681	680	5%, 0.4W MF	
	RA....1	58.99.0145	10 k	20%, 0.2W, 2322 500 01507	Philips
	RZ....1	57.88.2102	4*1 k	2%, 0.125W Resistor Array	
	RZ....2	57.88.2102	4*1 k	2%, 0.125W Resistor Array	
	RZ....3	57.88.2102	4*1 k	2%, 0.125W Resistor Array	
	RZ....4	57.88.2102	4*1 k	2%, 0.125W Resistor Array	
	S.....1	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....2	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....3	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....4	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....5	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....6	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....7	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....8	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	T.....1	1.022.648.00		Voltage Converter Transformer	REVOX
	XTL...1	89.01.1004	11.059MHz	Quarz Rs<60 Ohm, CL=30pF	

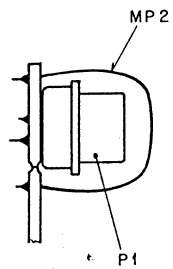
SI92/11/0500
SI93/04/0501

Manufacturer: Harwin= HARWIN PTE Ltd Singapore

14 Pin single-in-line socket carriers:
Type D01-99014T6
2 pcs per Board
with socket pins H3153-T6

END





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Zugehörige Unterlagen: PL		Freimasstoleranz: ±	Maßstab: 2 : 1		Ausgabe	5.8.92			⓪
					Datum	Gez.	Gepr.	Ges.	Index
Ersatz für:		Ersetzt durch:			Kopie für:				
STUDER REGENSDORF ZÜRICH	Benennung: KEYBOARD UNIT				Nummer: 1.750.019-00				

1.750.019.81 KEYBOARD

Ad	..Pos..	...Ref.No...	Description		
	C.....1	59.32.1101	100 p	10% , 25V , CER	
	C.....2	59.32.1101	100 p	10% , 25V , CER	
	MP....1	1.750.019.12	1 pcs	Keyboard PCB	REVOX
	MP....2	64.03.0507	1 pcs	Flex Jumper 50.8mm Pich 2.54	Ansley
	P.....1	54.13.0026	9 Pin	DSUB Plug for PCB Mount.	ANY
	RA....1	55.12.1301		Inc.Encoder EC15B40 4LA21512	Alps
	S.....1	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....2	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....3	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....4	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....5	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....6	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....7	55.15.1002	Switch	Tact Switch SKHLAB	ALPS
	S.....8	55.15.1002	Switch	Tact Switch SKHLAB	ALPS

SI92/07/2700

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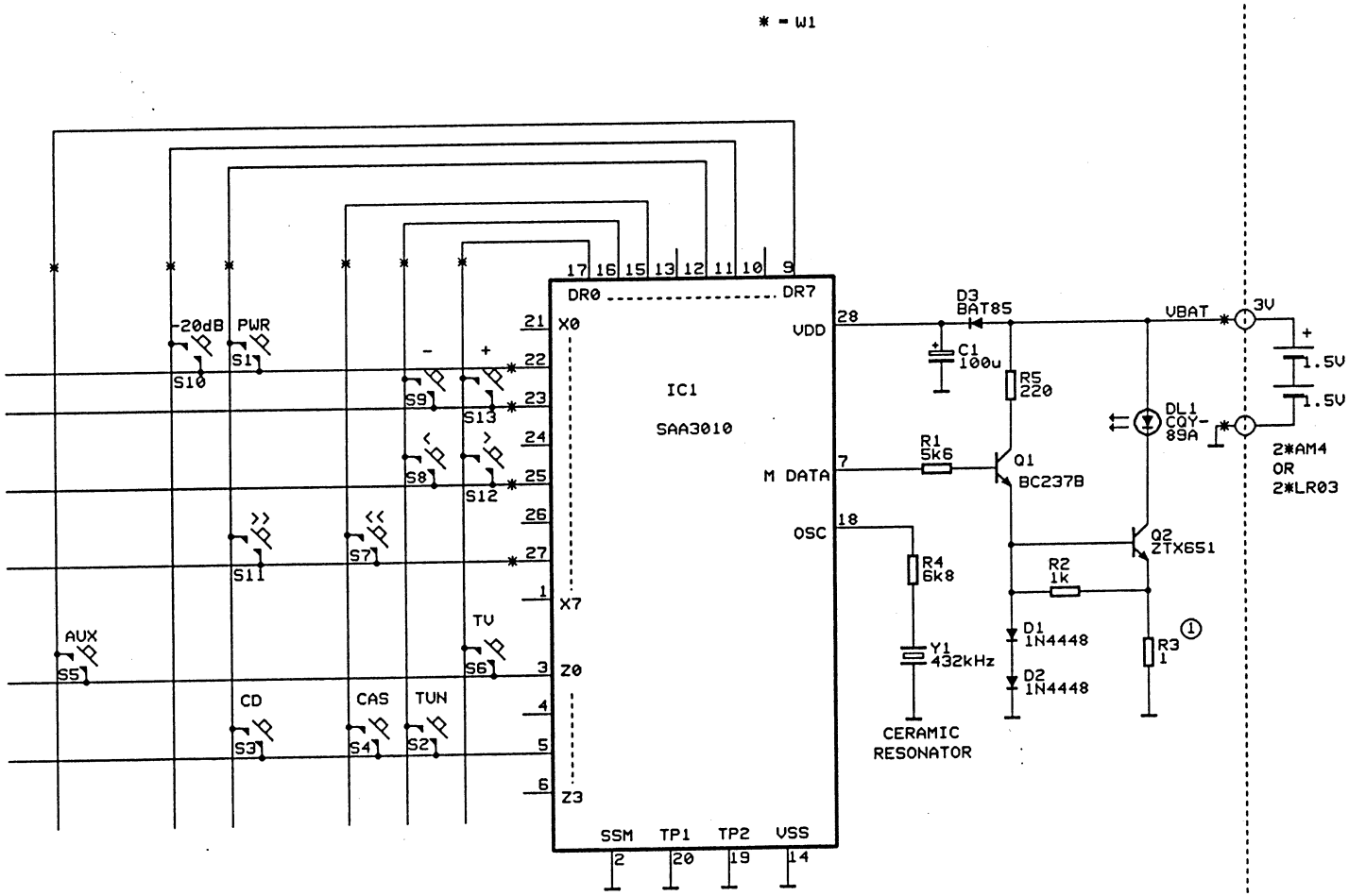
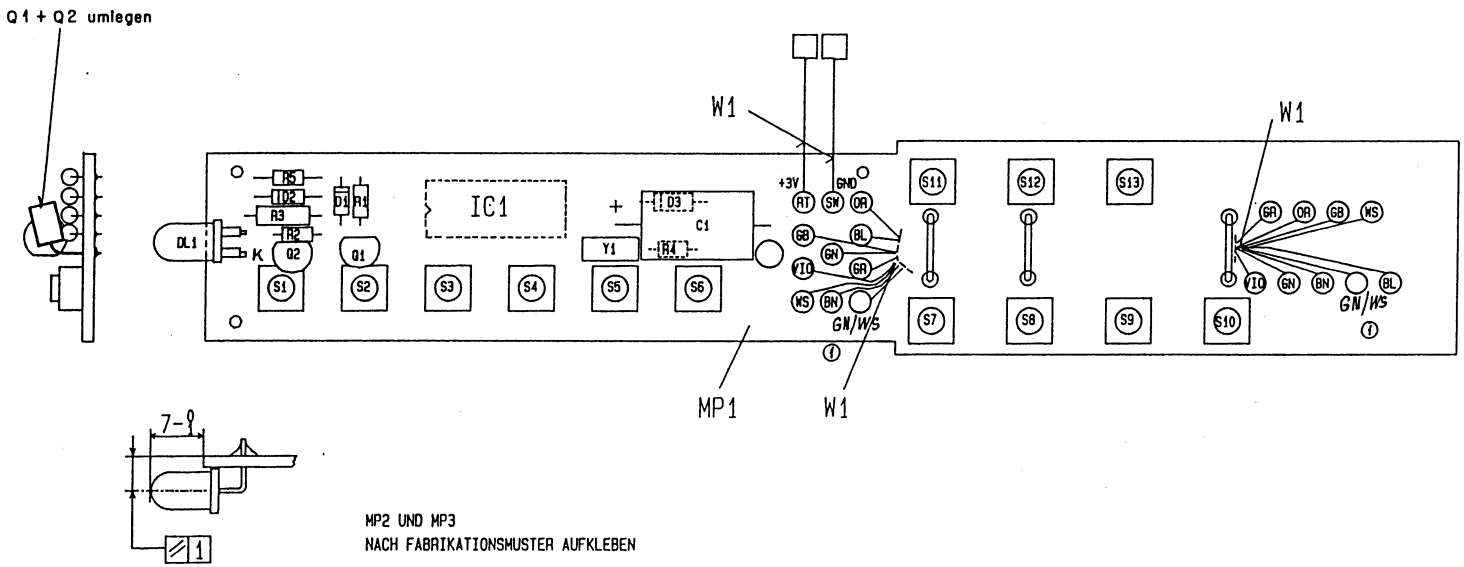


⓪ MAR-4-92 SI	① JUN-24-92 SI			PAGE 1 OF 1
REVOX	REMOTE CONTROL D-RC		SC	1.750.012.00



MP2 UND MP3
NACH FABRIKATIONSMUSTER AUFKLEBEN

Werkstoff: Norm-Nr.: DIN Bez.: Abmessung:	Oberfläche: Güte: Beh.:		Änderung	21.7.92	Bm.	Gi.	③ ② ①
Zugehörige Unterlagen: PL	Freimasstoleranz:	Maßstab: 2 : 1	Ausgabe Datum	1.7.92	2 Gez.	1). Gepr.	Ges. ⓪ Index
Ersatz für:	Ersetzt durch:		Kopie für:				
STUDER REGENSDORF ZÜRICH	Benennung: REMOTE CONTROL BOARD		Nummer: 1.750.012-81				

1.750.012.81 REMOTE CONTROL D-RC

Ad	..Pos..	...Ref.No...	Description		
	C.....1	59.25.2101	100 u	-20% , 10V , EL	
	D.....1	50.04.0125	1N4448	General purpose silicon diode	
	D.....2	50.04.0125	1N4448	General purpose silicon diode	
	D.....3	50.04.0127	BAT85	Shottky diode IF=0.2A	
	DL....1	50.04.2137	TSIP5201	IR LED	
	IC....1	50.62.0110	SAA3010	IR Remote control RC-5 SO28	Philips
	MP....1	1.750.012.12	1 pcs	IR Remote control PCB D-RC	REVOX
	MP....2	1.750.012.81	1 pcs	Number Label	REVOX
	MP....3	43.01.0108	1 pcs	ESE Label	
	Q.....1	50.03.0436	BC547B	General Purpose NPN	
	Q.....2	50.03.0523	ZTX651	ICM=2A hFE>70 NPN SW	Zilog
	R.....1	57.10.1562	5.6 k	5%, 0.25W MF	
	R.....2	57.10.1102	1 k	5%, 0.25W MF	
	R.....3	57.11.3109	1	5%, 0.4W MF	
	R.....4	57.10.1682	6.8 k	5%, 0.25W MF	
	R.....5	57.10.1221	220	5%, 0.25W MF	
	S.....1	55.15.0138	Switch	Tact Switch	ALPS
	S.....2	55.15.0138	Switch	Tact Switch	ALPS
	S.....3	55.15.0138	Switch	Tact Switch	ALPS
	S.....4	55.15.0138	Switch	Tact Switch	ALPS
	S.....5	55.15.0138	Switch	Tact Switch	ALPS
	S.....6	55.15.0138	Switch	Tact Switch	ALPS
	S.....7	55.15.0138	Switch	Tact Switch	ALPS
	S.....8	55.15.0138	Switch	Tact Switch	ALPS
	S.....9	55.15.0138	Switch	Tact Switch	ALPS
	S....10	55.15.0138	Switch	Tact Switch	ALPS
	S....11	55.15.0138	Switch	Tact Switch	ALPS
	S....12	55.15.0138	Switch	Tact Switch	ALPS
	S....13	55.15.0138	Switch	Tact Switch	ALPS
	W.....1	1.750.012.93		Wire set D-RC	REVOX
01	W.....1	1.750.012.94		Cable D-RC	REVOX
	Y.....1	89.01.4400	432kHz	Ceramic resonator	

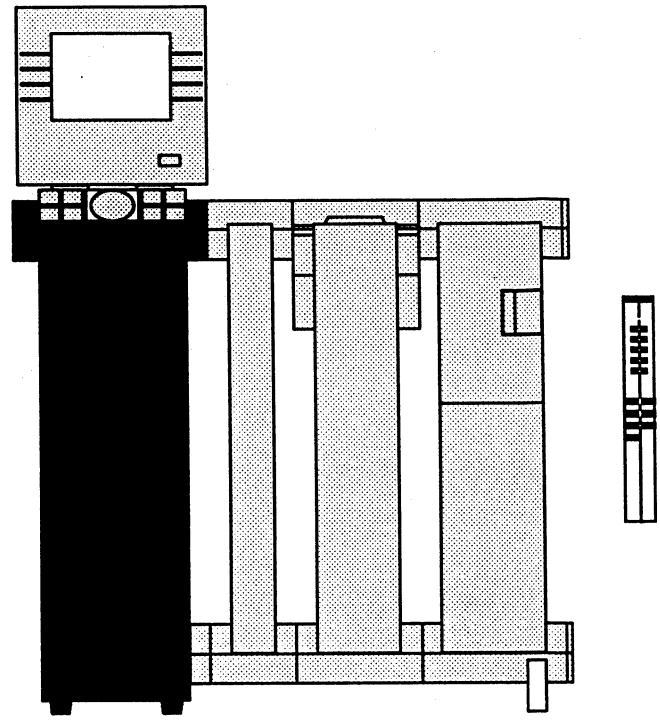
SI92/06/2400
SI92/07/2101

END

Schemata Verstärker

Schematic diagrams amplifier

Schémas de l'amplificateur



Block diagram	1.751.100.00
Mains transformer 230 V	1.751.200.00
Control unit	1.751.220.20
Control unit	1.751.220.21
Memory card (option)	1.751.230.20
Amplifier unit	1.751.250.00
Amplifier unit	1.751.250.81
Speaker terminal	1.751.260.00
Prisma connectors	

1.751.220.20 CONTROL UNIT 1/3

Ad	..Pos..	...Ref.No...	Description				
	C.....1	59.32.1102	1n	10%,	400V,	59.32-2	
	C.....2	59.32.1102	1n	10%,	400V,	59.32-2	
	C.....3	59.32.3103	10n	20%,	40V,	59.32-1	
	C.....4	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C.....5	59.32.3103	10n	20%,	40V,	59.32-1	
	C.....6	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C.....7	59.32.3103	10n	20%,	40V,	59.32-1	
	C.....8	59.06.0104	100n	10%,	63V,	59.06-1	
	C.....9	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....10	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....11	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....12	59.06.0104	100n	10%,	63V,	59.06-1	
	C....13	59.32.3103	10n	20%,	40V,	59.32-1	
	C....14	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....15	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....16	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....17	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....18	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....19	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....20	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....21	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....22	59.32.1102	1n	10%,	400V,	59.32-2	
	C....23	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....24	59.06.0104	100n	10%,	63V,	59.06-1	
	C....25	59.32.1102	1n	10%,	400V,	59.32-2	
	C....26	59.06.0104	100n	10%,	63V,	59.06-1	
	C....27	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....28	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....29	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....30	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....31	59.06.0102	1n	10%,	63V,	59.06-1	
	C....32	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....33	59.06.0104	100n	10%,	63V,	59.06-1	
	C....34	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....35	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....36	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....37	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....38	59.06.0104	100n	10%,	63V,	59.06-1	
	C....39	59.22.2221	220u	-20/+50%,	6.3V,	59.22-A	
	C....40	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....41	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....42	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....43	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....44	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....45	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....46	59.28.2222	2200u	-20/+50%,	16V,	59.22-M	
	C....47	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....48	59.34.4271	270p	5%,	63V,	59.34-4,	N750
	C....49	59.22.2221	220u	-20/+50%,	6.3V,	59.22-A	
	C....50	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....51	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....52	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....53	59.34.4271	270p	5%,	63V,	59.34-4,	N750
	C....54	59.06.0104	100n	10%,	63V,	59.06-1	
	C....55	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....56	59.22.6472	4700u	-20/+50%,	40V,	59.22-S	
	C....57	59.06.0104	100n	10%,	63V,	59.06-1	
	C....58	59.06.0104	100n	10%,	63V,	59.06-1	
	C....59	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....60	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....61	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....62	59.06.0104	100n	10%,	63V,	59.06-1	
	C....63	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....64	59.22.6472	4700u	-20/+50%,	40V,	59.22-S	
	C....65	59.06.0104	100n	10%,	63V,	59.06-1	
	C....66	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....67	59.22.5101	100u	-20/+50%,	25V,	59.22-A	
	C....68	59.34.2330	33p	5%,	63V,	59.34-1,	N150
	C....69	59.34.2330	33p	5%,	63V,	59.34-1,	N150
	C....70	59.06.0104	100n	10%,	63V,	59.06-1	
	C....71	59.06.0104	100n	10%,	63V,	59.06-1	
	C....72	59.06.0104	100n	10%,	63V,	59.06-1	
	C....73	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....74	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....75	59.06.0104	100n	10%,	63V,	59.06-1	
	C....76	59.06.0104	100n	10%,	63V,	59.06-1	
	C....77	59.22.6100	10u	-20/+50%,	35V,	59.22-Q	
	C....78	59.06.0104	100n	10%,	63V,	59.06-1	
	C....79	59.06.0104	100n	10%,	63V,	59.06-1	
	C....80	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....81	59.06.0104	100n	10%,	63V,	59.06-1	
	C....82	59.06.0104	100n	10%,	63V,	59.06-1	
	C....83	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....84	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....85	59.06.0104	100n	10%,	63V,	59.06-1	
	C....86	59.22.8101	100u	-20/+50%,	63V,	59.22-E	
	C....87	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....88	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....89	59.22.8109	1u	-20/+50%,	50V,	59.22-Q	
	C....90	59.22.8101	100u	-20/+50%,	63V,	59.22-E	
	C....91	59.22.8109	1u	-20/+50%,	50V,	59.22-Q	
	C....92	59.06.0104	100n	10%,	63V,	59.06-1	
	C....93	59.14.3104	100n	20%,	300V,	59.14-10*19	
02	C....94	59.22.6100	10u	-20/+50%,	35V,	59.22-Q	
	D.....1	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....2	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....3	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....4	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....5	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....6	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....7	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....8	50.04.0507	1N5402	DO201,RECTIFIER			
	D.....9	50.04.0507	1N5402	DO201,RECTIFIER			
	D....10	50.04.0133	BAV20	DO35,RECTIFIER			
	D....11	50.04.0125	1N4448	DO35,RECTIFIER			
	D....12	50.04.0105	1N4004	DO41,RECTIFIER			
	D....13	50.04.0105	1N4004	DO41,RECTIFIER			
	D....14	50.04.0105	1N4004	DO41,RECTIFIER			
	D....15	50.04.0105	1N4004	DO41,RECTIFIER			
	D....16	50.04.0105	1N4004	DO41,RECTIFIER			
	D....17	50.04.0105	1N4004	DO41,RECTIFIER			
	D....18	50.04.0105	1N4004	DO41,RECTIFIER			
	D....19	50.04.0105	1N4004	DO41,RECTIFIER			
	D....20	50.04.0105	1N4004	DO41,RECTIFIER			
	D....21	50.04.0105	1N4004	DO41,RECTIFIER			
	DL....1	50.04.2119	MV57124A	RED DIF, 1.0mCd			
03	DL....1	00.00.0000	not used				
	DL....2	50.04.2852	MU02-4201	QUAD-LED, YELLOW, STANLEY			
	DV....1	50.04.1101	3.9V	5%,	0.5W,	DO35,	ZENER
	DV....2	50.04.1101	3.9V	5%,	0.5W,	DO35,	ZENER
	DV....3	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....4	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....5	50.04.1112	5.1V	5%,	0.5W,	DO35,	ZENER
	DV....6	50.04.1228	33V	5%,	1.3W,	DO41,	ZENER
	DV....7	50.04.1127	33V	5%,	0.5W,	DO35,	ZENER
	DV....8	50.04.1126	62V	5%,	0.5W,	DO35,	ZENER
	DV....9	50.04.1230	39V	5%,	1.3W,	DO41,	ZENER
	DZ....1	70.01.0216	0.8A	140V,BRIDGE RECT. GEN.INSTR. DF 02M			
	DZ....2	70.01.0216	0.8A	140V,BRIDGE RECT. GEN.INSTR. DF 02M			
	DZ....3	70.01.0216	0.8A	140V,BRIDGE RECT. GEN.INSTR. DF 02M			
	DZ....4	70.01.0227	6A	280V,BRIDGE RECT. GEN.INSTR. KBPC6-04			
	F.....1	51.01.0122	T 3.15A	FUSE 3.15 Amp. 5 * 20 mm SLOW BLOW			
	IC....1	50.07.0066	4066	DIP14,QUAD ANALOG SWITCH			
	IC....2	50.14.2002	27C512	DIP28,64K * 8 EPROM (SW 1.751.221.20)			
	IC....3	50.10.0104	LM317	TO220,VOLTAGE REG.			
	IC....4	50.14.2102	ST24C02	DIP08,2KBIT SERIAL CMOS EEPROM,			
01	IC....4	50.14.2104	ST24C04	DIP08,4KBIT SERIAL CMOS EEPROM,			
	IC....5	50.14.0133	6264	DIP28,8K*8 CMOS S-RAM 150NS			
	IC....6	50.09.0107	RC4559N	DIP08,DUAL LINEAR OPAMP			
	IC....7	50.09.0107	RC4559N	DIP08,DUAL LINEAR OPAMP			
	IC....8	50.17.1573	74HC573	DIP20,OCTAL D-TYP LATCH			
	IC....9	50.09.0107	RC4559N	DIP08,DUAL LINEAR OPAMP			
	IC...10	50.09.0117	MC33078P	DIP08,DUAL LINEAR OPAMP, MOTOROLA			
	IC...11	50.11.0122	TL7705	DIP8 ,RESET GENERATOR			
	IC...12	50.10.0105	LM337	TO220-9,SER. REG.			
	IC...13	50.10.0104	LM317	TO220,VOLTAGE REG.			
	IC...14	50.10.0109	LM337L	TO92 ,3-TERMINAL ADJ. REGULATOR			
	IC...15	50.17.4066	74HC4066	DIP14,QUAD ANALOG SWITCH HCMOS			
	IC...16	50.63.0005	80C552	PLCC68,PCB80C552-4WP, PHILIPS			
	J.....1	54.99.0204	9-P	ANG., FEM., LOW COST, D-TYPE			
03	J.....1	00.00.0000	not used				
	J.....2	54.21.2007	2*2P	CINCH CONN. GOLD WAKA 04 P 0483-50			
	J.....3	54.14.5540	20-P	FEM. MICRO-MATCH, AMP 2-215 079-0			
	J.....4	54.14.5508	8-P	FEM. MICRO-MATCH, AMP 0-215 079-8			
	J.....5	54.10.0032	2*16P	FEM. EDGE CONNECT. AMP 1-215 230-6			
	J.....6	54.14.5510	10-P	FEM. MICRO-MATCH, AMP 1-215 079-0			
	J.....7	54.14.5516	16-P	FEM. MICRO-MATCH, AMP 1-215 079-6			
	J.....8	54.25.0005	5-P	FEM. 12 Amp. VERT., AMP 826 849-3			
	J.....9	54.25.0008	8-P	FEM. 12 Amp. VERT., AMP 826 851-3			
01	J....10	54.14.5520	20-P	FEM. MICRO-MATCH, AMP 2-215 079-0			
	J....11	54.14.5540	20-P	FEM. MICRO-MATCH, AMP 2-215 079-0			
	L.....1	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....2	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K			
	L.....3	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			

1.751.220.20 CONTROL UNIT 2/3

	L.....4	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....5	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....6	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K			
	L.....7	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K			
	L.....8	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K			
	L.....9	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L....10	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
01	MP....1	21.48.0354	6 PCS	SCREW M3x6 SYSTEM TAPTITE			
03	MP....1	21.48.0354	4 PCS	SCREW M3x6 SYSTEM TAPTITE			
	MP....2	24.16.2030	2 PCS	SERRAT LOCK WASHER M3			
	MP....3	43.01.0108	1 PCE	ESE WARNING LABEL			
	MP....4	50.20.2004	5 PCS	MOUNTING CLIP TO220			
	MP....5	50.20.3004	2 PCS	HEAT SINK TO220			
	MP....6	1.751.220.02	1 PCE	COOLING PLATE			ST
	MP....7	1.751.220.03	1 PCE	HEAT CONDUCTOR			ST
	MP....8	1.751.220.04	1 PCE	CONN. CABLE UPPER BUS			ST
	MP....9	1.751.220.05	1 PCE	CONN. CABLE POWAMP CONTROL			ST
	MP...10	1.751.220.06	1 PCE	CONN. CABLE LOWER BUS			ST
	MP...11	1.751.220.07	1 PCE	CONN. CABLE POWAMP SUPPLY			ST
	MP...12	1.751.220.09	1 PCE	CONN. CABLE LED			ST
	MP...13	1.751.220.11	1 PCE	CONTROL UNIT PCB			ST
01	MP...13	1.751.220.12	1 PCE	CONTROL UNIT PCB			ST
01	MP...14	28.21.2408	2 PCS	TUBULAR RIVETS L=6mm D=3mm			
	P.....1	54.99.0246	9-P	ANG., MALE, LOW COST, D-TYPE			
	P.....4	54.14.5590	20-P	MALE,MICRO-MATCH, AMP 2-215 464-0			
	P.....5	54.14.5590	20-P	MALE,MICRO-MATCH, AMP 2-215 464-0			
	P.....6	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.			
	P.....7	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.			
	P.....8	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.			
	P.....9	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.			
	Q.....1	50.03.0515	BC307B	PNP, TO92-1			
	Q.....2	50.03.0436	BC237B	NPN, TO92-1			
	Q.....3	50.03.0515	BC307B	PNP, TO92-1			
	Q.....4	50.03.0436	BC237B	NPN, TO92-1			
	Q.....5	50.03.0515	BC307B	PNP, TO92-1			
	Q.....6	50.03.0436	BC237B	NPN, TO92-1			
	Q.....7	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR			
	Q.....8	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR			
	Q.....9	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR			
	Q....10	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR			
	Q....11	50.03.0515	BC307B	PNP, TO92-1			
	Q....12	50.03.0515	BC307B	PNP, TO92-1			
	Q....13	50.03.0436	BC237B	NPN, TO92-1			
	Q....14	50.03.0436	BC237B	NPN, TO92-1			
	Q....15	50.03.0436	BC237B	NPN, TO92-1			
	Q....16	50.03.0515	BC307B	PNP, TO92-1			
	Q....17	50.03.0627	BF423	PNP, TO92-4			
	Q....18	50.03.0436	BC237B	NPN, TO92-1			
	Q....19	50.03.0436	BC237B	NPN, TO92-1			
	Q....20	50.03.0553	BF422	NPN, TO92-4			
	Q....21	50.03.0553	BF422	NPN, TO92-4			
	Q....22	50.03.0627	BF423	PNP, TO92-4			
	Q....23	50.03.0436	BC237B	NPN, TO92-1			
	Q....24	50.03.0436	BC237B	NPN, TO92-1			
	Q....25	50.03.0351	BC327-25	PNP, TO92-1			
	Q....26	50.03.0436	BC237B	NPN, TO92-1			
	Q....27	50.03.0515	BC307B	PNP, TO92-1			
	Q....28	50.03.0491	BC546B	NPN, TO92-1			
	Q....29	50.03.0515	BC307B	PNP, TO92-1			
	Q....30	50.03.0515	BC307B	PNP, TO92-1			
	Q....31	50.99.0119	2N6073B	4.0A, 400V, TO126, TRIAC			
	Q....32	50.03.0451	BD139-10	NPN, TO126-1			
	Q....33	50.03.0452	BD140-10	PNP, TO126-1			
	Q....34	00.00.0000	not used				
	Q....35	00.00.0000	not used				
	Q....36	00.00.0000	not used				
	Q....37	50.03.0492	BC556B	PNP, TO92-1			
	Q....38	50.03.0491	BC546B	NPN, TO92-1			
	Q....39	50.03.0436	BC237B	NPN, TO92-1			
	Q....40	50.03.0451	BD139-10	NPN, TO126-1			
	R.....1	57.11.3221	220E	1%, 0.6W, 0207,			MF
	R.....2	57.11.3102	1k	1%, 0.6W, 0207,			MF
	R.....3	57.11.3471	470E	1%, 0.6W, 0207,			MF
	R.....4	57.11.3101	100E	1%, 0.6W, 0207,			MF
	R.....5	57.11.3102	1k	1%, 0.6W, 0207,			MF
	R.....6	57.11.3101	100E	1%, 0.6W, 0207,			MF
	R.....7	57.11.3183	18k	1%, 0.6W, 0207,			MF
	R.....8	57.11.3472	4k7	1%, 0.6W, 0207,			MF
	R.....9	57.11.3561	560E	1%, 0.6W, 0207,			MF
	R....10	57.11.3102	1k	1%, 0.6W, 0207,			MF
	R....11	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....12	57.11.3332	3k3	1%, 0.6W, 0207,			MF
	R....13	57.11.3183	18k	1%, 0.6W, 0207,			MF
	R....14	57.11.3472	4k7	1%, 0.6W, 0207,			MF
	R....15	57.11.3471	470E	1%, 0.6W, 0207,			MF
	R....16	57.11.3332	3k3	1%, 0.6W, 0207,			MF
	R....17	57.11.3473	47k	1%, 0.6W, 0207,			MF
	R....18	57.11.3561	560E	1%, 0.6W, 0207,			MF
	R....19	57.11.3473	47k	1%, 0.6W, 0207,			MF
	R....20	57.11.3561	560E	1%, 0.6W, 0207,			MF
	R....21	57.11.3561	560E	1%, 0.6W, 0207,			MF
	R....22	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....23	57.11.3102	1k	1%, 0.6W, 0207,			MF
	R....24	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....25	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....26	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....27	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....28	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....29	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....30	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....31	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....32	57.11.3561	560E	1%, 0.6W, 0207,			MF
	R....33	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....34	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....35	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....36	57.11.3561	560E	1%, 0.6W, 0207,			MF
	R....37	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....38	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....39	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....40	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....41	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....42	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....43	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....44	57.11.3680	68E	1%, 0.6W, 0207,			MF
	R....45	57.11.3821	820E	1%, 0.6W, 0207,			MF
	R....46	57.11.3223	22k	1%, 0.6W, 0207,			MF
	R....47	57.11.3223	22k	1%, 0.6W, 0207,			MF
	R....48	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....49	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....50	57.11.3621	620E	1%, 0.6W, 0207,			MF
	R....51	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....52	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....53	57.11.3104	100k	1%, 0.6W, 0207,			MF
	R....54	57.11.3621	620E	1%, 0.6W, 0207,			MF
	R....55	57.11.3201	200E	1%, 0.6W, 0207,			MF
	R....56	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....57	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....58	57.11.3150	15E	1%, 0.6W, 0207,			MF
	R....59	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....60	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....61	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....62	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....63	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....64	57.11.3150	15E	1%, 0.6W, 0207,			MF
	R....65	57.11.3104	100k	1%, 0.6W, 0207,			MF
	R....66	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....67	57.11.3621	620E	1%, 0.6W, 0207,			MF
	R....68	57.11.3102	1k	1%, 0.6W, 0207,			MF
	R....69	57.11.3222	2k2	1%, 0.6W, 0207,			MF
	R....70	57.11.3221	220E	1%, 0.6W, 0207,			MF
	R....71	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....72	57.19.0270	27E	5%, 0.33W, 0207,			R-FUSE
	R....73	57.11.3473	47k	1%, 0.6W, 0207,			MF
	R....74	57.11.3681	680E	1%, 0.6W, 0207,			MF
	R....75	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....76	57.19.0100	10E	5%, 0.33W, 0207,			R-FUSE
	R....77	57.11.3223	22k	1%, 0.6W, 0207,			MF
	R....78	57.11.3474	470k	1%, 0.6W, 0207,			MF
	R....79	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....80	57.11.3150	15E	1%, 0.6W, 0207,			MF
	R....81	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....82	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....83	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....84	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....85	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....86	57.11.3150	15E	1%, 0.6W, 0207,			MF
	R....87	57.11.3303	30k	1%, 0.6W, 0207,			MF
	R....88	57.11.3302	3k	1%, 0.6W, 0207,			MF
	R....89	57.11.3474	470k	1%, 0.6W, 0207,			MF
	R....90	57.11.3222	2k2	1%, 0.6W, 0207,			MF
	R....91	57.11.3103	10k	1%, 0.6W, 0207,			MF
	R....92	57.11.3222	2k2	1%, 0.6W, 0207,			MF
	R....93	57.92.7015	1.1A	50V, PTC RAYCHEM RXE 110			
	R....94	57.11.3222	2k2	1%, 0.6W, 0207,			MF
	R....95	57.11.3102	1k0	1%, 0.6W, 0207,			MF
	R....96	57.11.3222	2k2	1%, 0.6W, 0207,			MF

1.751.220.20 CONTROL UNIT 3/3

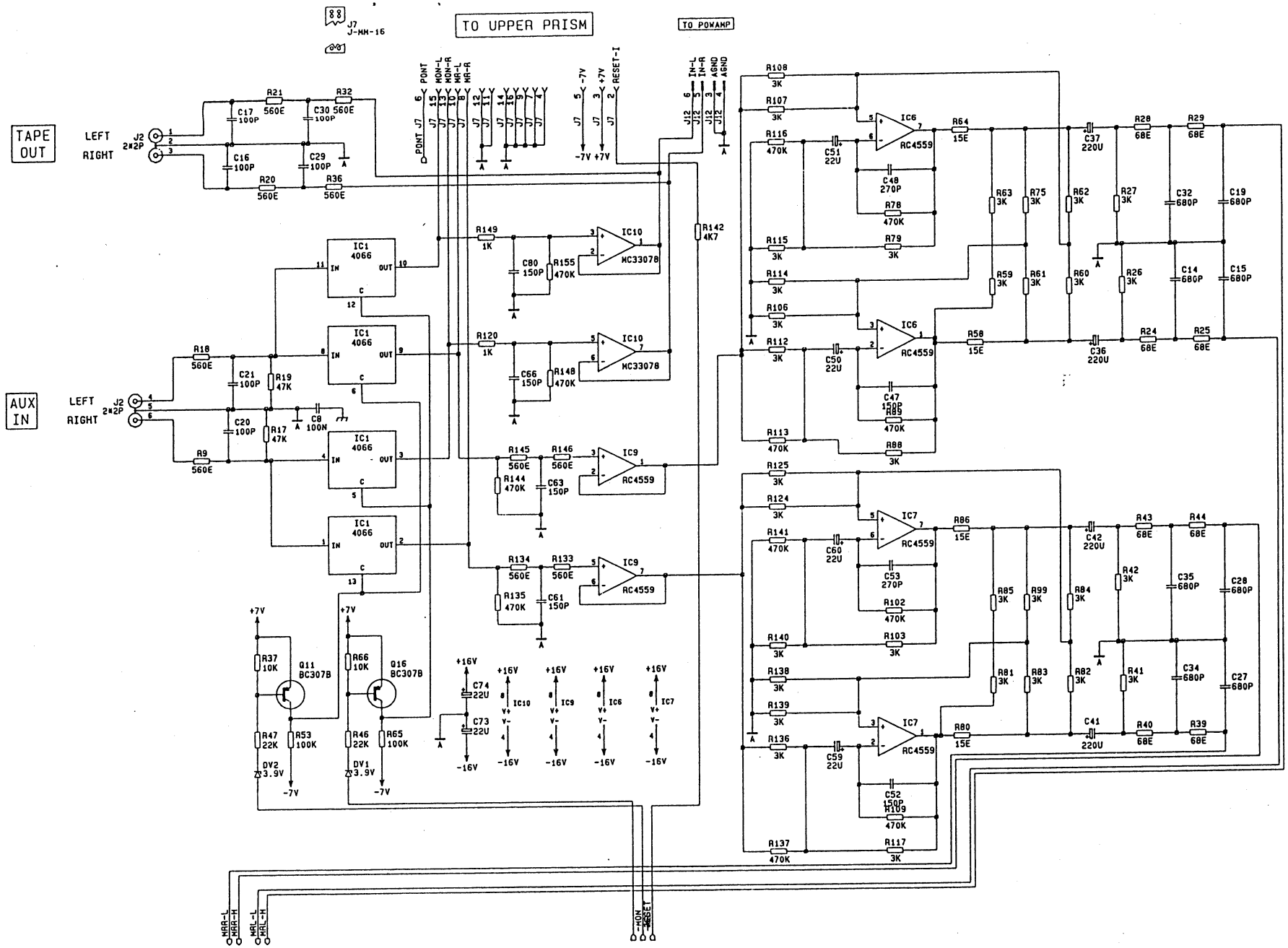
03	R....96	00.00.0000	not used				
	R....97	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R....98	57.11.3473	47k	1%,	0.6W,	0207,	MF
	R....99	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...100	57.11.3473	47k	1%,	0.6W,	0207,	MF
	R...101	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...102	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...103	57.11.3302	3k	1%,	0.6W,	0207,	MF
02	R...104	57.92.7016	1.6A	50V,	PTC	RAYCHEM RXE 160	
	R...105	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...106	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...107	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...108	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...109	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...110	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...111	57.11.3000	0E	1%,	0-OHM RES. (WIRE BRIDGE)		
	R...112	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...113	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...114	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...115	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...116	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...117	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...118	57.11.3272	2k7	1%,	0.6W,	0207,	MF
	R...119	57.11.3272	2k7	1%,	0.6W,	0207,	MF
	R...120	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...121	57.11.3153	15k	1%,	0.6W,	0207,	MF
	R...122	57.11.3470	47E	1%,	0.6W,	0207,	MF
	R...123	57.11.3105	1M	1%,	0.6W,	0207,	MF
	R...124	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...125	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...126	57.92.7020	0.75A	60V,	PTC	RAYCHEM RXE 075	
	R...127	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...128	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...129	57.11.3104	100k	1%,	0.6W,	0207,	MF
	R...130	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...131	57.11.3203	20k	1%,	0.6W,	0207,	MF
	R...132	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...133	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...134	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...135	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...136	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...137	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...138	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...139	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...140	57.11.3302	3k	1%,	0.6W,	0207,	MF
	R...141	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...142	57.11.3472	4k7	1%,	0.6W,	0207,	MF
	R...143	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...144	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...145	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...146	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...147	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...148	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...149	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...150	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...151	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...152	57.19.0100	10E	5%,	0.33W,	0207,	R-FUSE
	R...153	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...154	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...155	57.11.3474	470k	1%,	0.6W,	0207,	MF
	R...156	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...157	57.11.3101	100E	1%,	0.6W,	0207,	MF
	R...158	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...159	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...160	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...161	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...162	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...163	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...164	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...165	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...166	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...167	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...168	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...169	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...170	57.11.3101	100E	1%,	0.6W,	0207,	MF
	R...171	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...172	57.11.3181	180E	1%,	0.6W,	0207,	MF
	R...173	57.11.3181	180E	1%,	0.6W,	0207,	MF
	R...174	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...175	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...176	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...177	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...178	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...179	57.19.0391	390E	5%,	0.33W,	0207,	R-FUSE
	R...180	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...181	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...182	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...183	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...184	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...185	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...186	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...187	57.19.0391	390E	5%,	0.33W,	0207,	R-FUSE
	R...188	00.00.0000	not used				
	R...189	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...190	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...191	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...192	57.11.3223	22k	1%,	0.6W,	0207,	MF
	R...193	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...194	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...195	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...196	00.00.0000	not used				
	R...197	57.11.3271	270E	1%,	0.6W,	0207,	MF
	R...198	00.00.0000	not used				
	R...199	00.00.0000	not used				
	R...200	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...201	57.11.3222	2k2	1%,	0.6W,	0207,	MF
	R...202	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...203	57.19.0561	560E	5%,	0.33W,	0207,	R-FUSE
	R...204	57.19.0561	560E	5%,	0.33W,	0207,	R-FUSE
	R...205	00.00.0000	not used				
	R...206	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...207	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...208	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...209	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...210	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...211	57.11.3561	560E	1%,	0.6W,	0207,	MF
	R...212	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...213	57.11.3471	470E	1%,	0.6W,	0207,	MF
	R...214	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...215	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...216	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...217	57.11.3271	270E	1%,	0.6W,	0207,	MF
	R...218	57.11.3822	8k2	1%,	0.6W,	0207,	MF
	R...219	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...220	57.11.3151	150E	1%,	0.6W,	0207,	MF
	R...221	57.11.3151	150E	1%,	0.6W,	0207,	MF
	R...222	57.93.1479	4E7	20%/1.5W,	NTC	SIEMENS Q63023-S1479-M	
	R...223	57.11.3104	100k	1%,	0.6W,	0207,	MF
	R...224	57.11.3104	100k	1%,	0.6W,	0207,	MF
01	R...225	57.11.3683	68k	1%,	0.6W,	0207,	MF
01	R...226	57.11.3683	68k	1%,	0.6W,	0207,	MF
	S.....1	55.03.0286	1*A	MAINS SW., 4A/250V	ALPS SDL 1P-A		
01	W.....1	00.00.0000	not used				
	X.....1	53.03.0145	5*20	FUSE-CLIP, SCHURTER FAB 031.3551			
	XIC...2	53.03.0173	DIL28	SOCKET FOR IC 2			
	XIC...4	53.03.0166	DIL 8	SOCKET FOR IC 4			
	Y.....1	89.01.1004	11.059MHZ	QUARZ PAR., HC18/43/49/U VERT.			

sid92/02/1900
sid92/04/1301
sid92/07/0702
sid93/02/1003

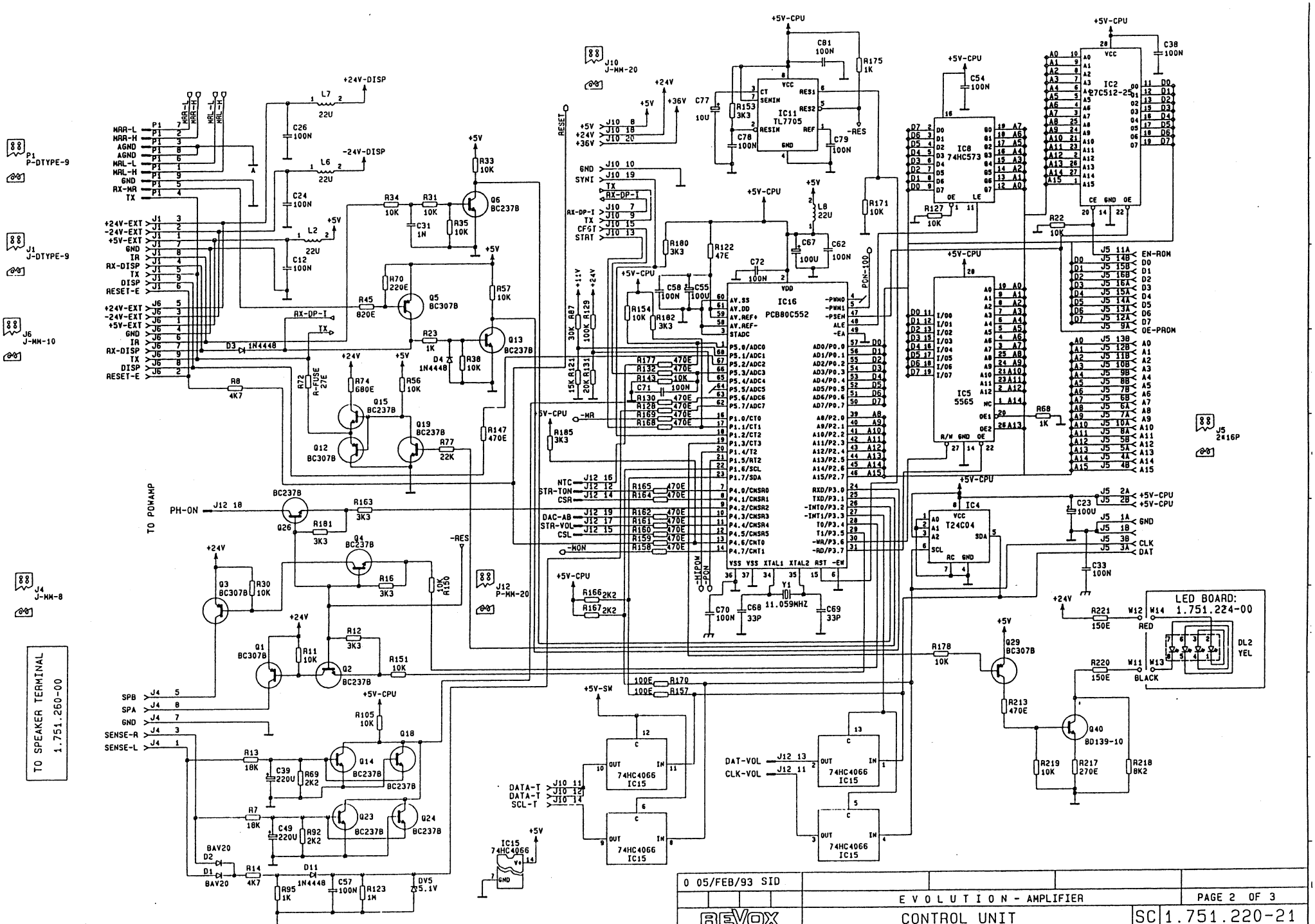
MF= Metal Film Si= Silicon El= Electrolytic
Cer= Ceramic PETP= Polyester SAL= Solid Aluminum
PP= Polypropylen

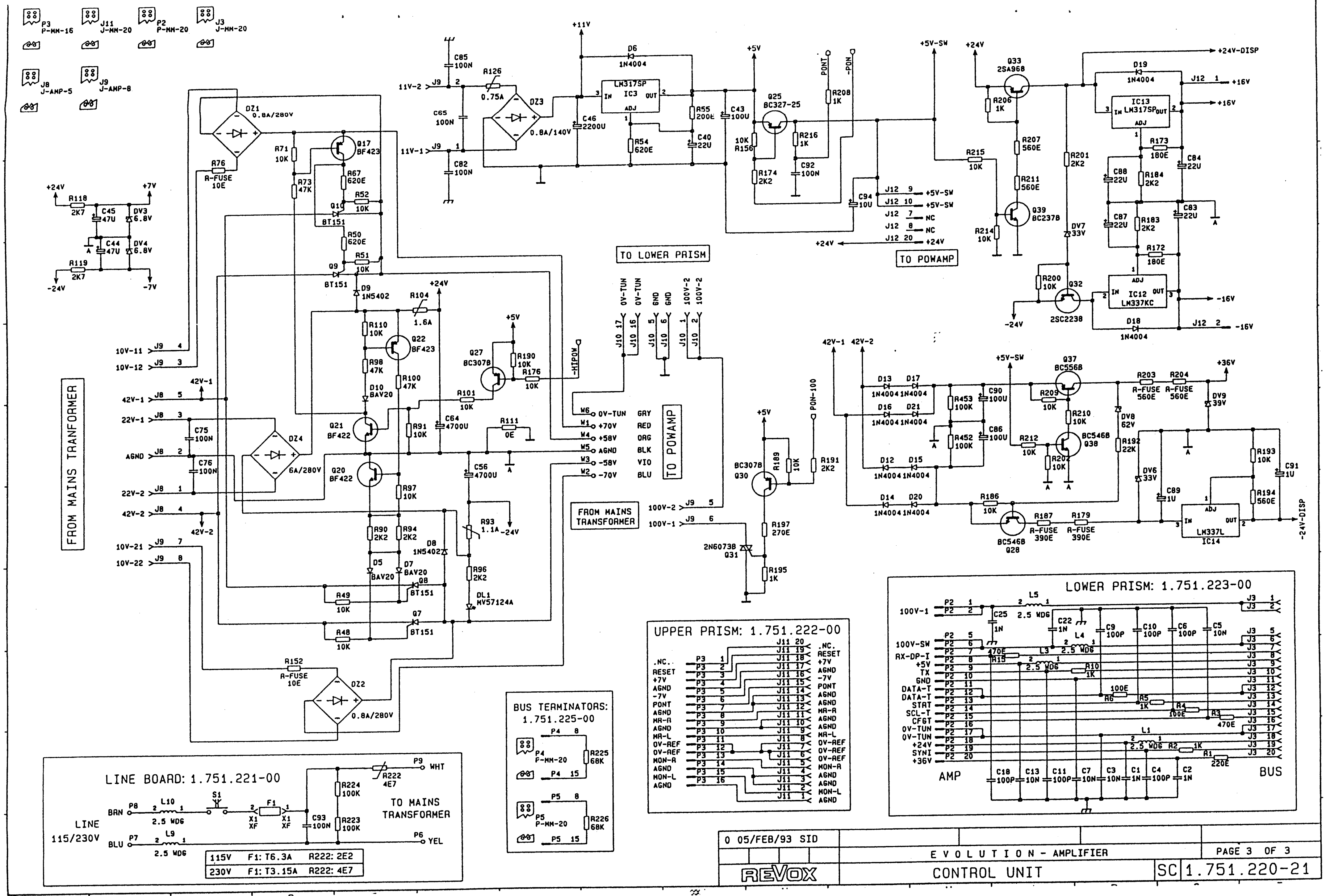
MANUFACTURER: ST= STUDER REVOX

END



0 05/FEB/93SID		
REVOX	EVOLUTION - AMPLIFIER	PAGE 1 OF 3
	CONTROL UNIT	SC 1.751.220-21


TO SPEAKER TERMINAL
1.751.260-00
TO POWAMP
LED BOARD:
1.751.224-00
RED
YEL
BLACK
EVOLUTION - AMPLIFIER
CONTROL UNIT
REVOX
0 05/FEB/93 SID
PAGE 2 OF 3
SC 1.751.220-21



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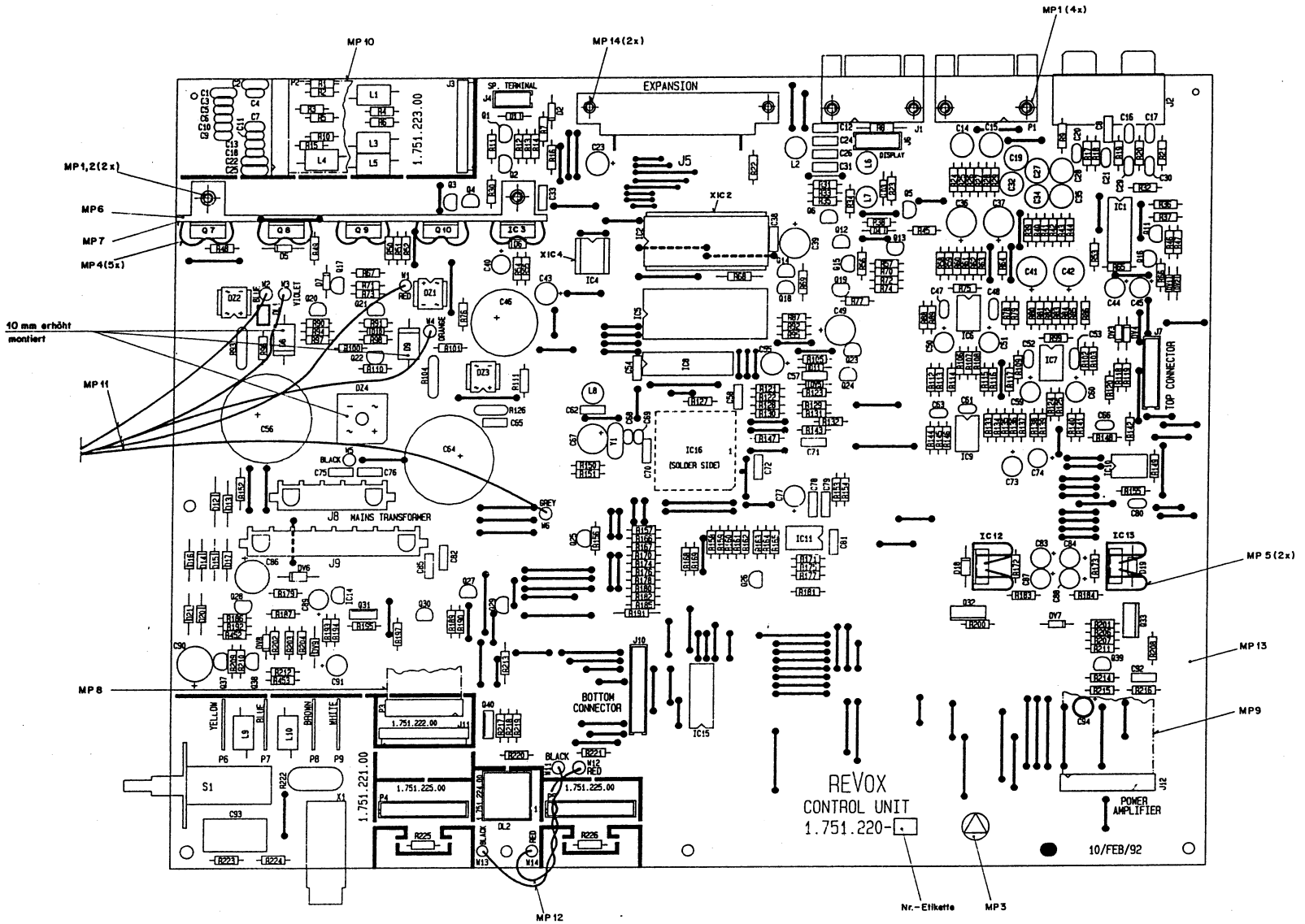
	E V O L U T I O N - AMPLIFIER		PAGE 3 OF 3
REVOX	CONTROL UNIT	SC	1.751.220-21



Schild MP3 aufgeklebt
nach Fabrikationsmuster

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Gute: / Beh.:		Änderung
Zugehörige Unterlagen: PL	Freimasstoleranz:	Maßstab: 1,5 : 1	Ausgabe 22.2.93 2 : 4
Ersatz für:	Ersatzt durch:		Kopie für:
STUDER REGENSDORF	CONTROL UNIT ESE		1.751.220-21

1.751.220.21 CONTROL UNIT 1/3

Ad	..Pos..	...Ref.No...	Description				
	C.....1	59.32.1102	1n	10%,	400V,	59.32-2	
	C.....2	59.32.1102	1n	10%,	400V,	59.32-2	
	C.....3	59.32.3103	10n	20%,	40V,	59.32-1	
	C.....4	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C.....5	59.32.3103	10n	20%,	40V,	59.32-1	
	C.....6	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C.....7	59.32.3103	10n	20%,	40V,	59.32-1	
	C.....8	59.06.0104	100n	10%,	63V,	59.06-1	
	C.....9	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....10	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....11	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....12	59.06.0104	100n	10%,	63V,	59.06-1	
	C....13	59.32.3103	10n	20%,	40V,	59.32-1	
	C....14	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....15	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....16	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....17	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....18	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....19	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....20	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....21	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....22	59.32.1102	1n	10%,	400V,	59.32-2	
	C....23	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....24	59.06.0104	100n	10%,	63V,	59.06-1	
	C....25	59.32.1102	1n	10%,	400V,	59.32-2	
	C....26	59.06.0104	100n	10%,	63V,	59.06-1	
	C....27	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....28	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....29	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....30	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....31	59.06.0102	1n	10%,	63V,	59.06-1	
	C....32	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....33	59.06.0104	100n	10%,	63V,	59.06-1	
	C....34	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....35	59.05.2681	680p	2.5%,	630V,	59.05-1	
	C....36	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....37	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....38	59.06.0104	100n	10%,	63V,	59.06-1	
	C....39	59.22.2221	220u	-20/+50%,	6.3V,	59.22-A	
	C....40	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....41	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....42	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....43	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....44	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....45	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....46	59.28.2222	2200u	-20/+50%,	16V,	59.22-M	
	C....47	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....48	59.34.4271	270p	5%,	63V,	59.34-4,	N750
	C....49	59.22.2221	220u	-20/+50%,	6.3V,	59.22-A	
	C....50	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....51	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....52	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....53	59.34.4271	270p	5%,	63V,	59.34-4,	N750
	C....54	59.06.0104	100n	10%,	63V,	59.06-1	
	C....55	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....56	59.22.6472	4700u	-20/+50%,	40V,	59.22-S	
	C....57	59.06.0104	100n	10%,	63V,	59.06-1	
	C....58	59.06.0104	100n	10%,	63V,	59.06-1	
	C....59	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....60	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....61	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....62	59.06.0104	100n	10%,	63V,	59.06-1	
	C....63	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....64	59.22.6472	4700u	-20/+50%,	40V,	59.22-S	
	C....65	59.06.0104	100n	10%,	63V,	59.06-1	
	C....66	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....67	59.22.5101	100u	-20/+50%,	25V,	59.22-A	
	C....68	59.34.2330	33p	5%,	63V,	59.34-1,	N150
	C....69	59.34.2330	33p	5%,	63V,	59.34-1,	N150
	C....70	59.06.0104	100n	10%,	63V,	59.06-1	
	C....71	59.06.0104	100n	10%,	63V,	59.06-1	
	C....72	59.06.0104	100n	10%,	63V,	59.06-1	
	C....73	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....74	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....75	59.06.0104	100n	10%,	63V,	59.06-1	
	C....76	59.06.0104	100n	10%,	63V,	59.06-1	
	C....77	59.22.6100	10u	-20/+50%,	35V,	59.22-Q	
	C....78	59.06.0104	100n	10%,	63V,	59.06-1	
	C....79	59.06.0104	100n	10%,	63V,	59.06-1	
	C....80	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....81	59.06.0104	100n	10%,	63V,	59.06-1	
	C....82	59.06.0104	100n	10%,	63V,	59.06-1	
	C....83	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....84	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....85	59.06.0104	100n	10%,	63V,	59.06-1	
	C....86	59.22.8101	100u	-20/+50%,	63V,	59.22-E	
	C....87	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....88	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....89	59.22.8109	1u	-20/+50%,	50V,	59.22-Q	
	C....90	59.22.8101	100u	-20/+50%,	63V,	59.22-E	
	C....91	59.22.8109	1u	-20/+50%,	50V,	59.22-Q	
	C....92	59.06.0104	100n	10%,	63V,	59.06-1	
	C....93	59.14.3104	100n	20%,	300V,	59.14-10*19	
	C....94	59.22.6100	10u	-20/+50%,	35V,	59.22-Q	
	D.....1	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....2	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....3	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....4	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....5	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....6	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....7	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....8	50.04.0507	1N5402	DO201,RECTIFIER			
	D.....9	50.04.0507	1N5402	DO201,RECTIFIER			
	D....10	50.04.0133	BAV20	DO35,RECTIFIER			
	D....11	50.04.0125	1N4448	DO35,RECTIFIER			
	D....12	50.04.0105	1N4004	DO41,RECTIFIER			
	D....13	50.04.0105	1N4004	DO41,RECTIFIER			
	D....14	50.04.0105	1N4004	DO41,RECTIFIER			
	D....15	50.04.0105	1N4004	DO41,RECTIFIER			
	D....16	50.04.0105	1N4004	DO41,RECTIFIER			
	D....17	50.04.0105	1N4004	DO41,RECTIFIER			
	D....18	50.04.0105	1N4004	DO41,RECTIFIER			
	D....19	50.04.0105	1N4004	DO41,RECTIFIER			
	D....20	50.04.0105	1N4004	DO41,RECTIFIER			
	D....21	50.04.0105	1N4004	DO41,RECTIFIER			
	DL....1	00.00.0000	not used				
	DL....2	50.04.2852	MU02-4201	QUAD-LED, YELLOW, STANLEY			
	DV....1	50.04.1101	3.9V	5%,	0.5W,	DO35,	ZENER
	DV....2	50.04.1101	3.9V	5%,	0.5W,	DO35,	ZENER
	DV....3	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....4	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....5	50.04.1112	5.1V	5%,	0.5W,	DO35,	ZENER
	DV....6	50.04.1228	33V	5%,	1.3W,	DO41,	ZENER
	DV....7	50.04.1127	33V	5%,	0.5W,	DO35,	ZENER
	DV....8	50.04.1126	62V	5%,	0.5W,	DO35,	ZENER
	DV....9	50.04.1230	39V	5%,	1.3W,	DO41,	ZENER
	DZ....1	70.01.0216	0.8A	140V,BRIDGE RECT. GEN.INSTR. DF 02M			
	DZ....2	70.01.0216	0.8A	140V,BRIDGE RECT. GEN.INSTR. DF 02M			
	DZ....3	70.01.0216	0.8A	140V,BRIDGE RECT. GEN.INSTR. DF 02M			
	DZ....4	70.01.0227	6A	280V,BRIDGE RECT. GEN.INSTR. KBPC6-04			
	F.....1	51.01.0122	T 3.15A	FUSE 3.15 Amp. 5 * 20 mm SLOW BLOW			
	IC....1	50.07.0066	4066	DIP14,QUAD ANALOG SWITCH			
	IC....2	50.14.2002	27C512	DIP28,64K * 8 EPROM (SW 1.751.221.24)			
	IC....3	50.10.0104	LM317	TO220,VOLTAGE REG.			
	IC....4	50.14.2104	ST24C04	DIP08,4KBIT SERIAL CMOS EEPROM,			
	IC....5	50.14.0133	6264	DIP28,8K*8 CMOS S-RAM 150NS			
	IC....6	50.09.0107	RC4559N	DIP08,DUAL LINEAR OPAMP			
	IC....7	50.09.0107	RC4559N	DIP08,DUAL LINEAR OPAMP			
	IC....8	50.17.1573	74HC573	DIP20,OCTAL D-TYP LATCH			
	IC....9	50.09.0107	RC4559N	DIP08,DUAL LINEAR OPAMP			
	IC...10	50.09.0117	MC33078P	DIP08,DUAL LINEAR OPAMP, MOTOROLA			
	IC...11	50.11.0122	TL7705	DIP8 ,RESET GENERATOR			
	IC...12	50.10.0105	LM337	TO220-9,SER. REG.			
	IC...13	50.10.0104	LM317	TO220,VOLTAGE REG.			
	IC...14	50.10.0109	LM337L	TO92 ,3-TERMINAL ADJ. REGULATOR			
	IC...15	50.17.4066	74HC4066	DIP14,QUAD ANALOG SWITCH HCMOS			
	IC...16	50.63.0005	80C552	PLCC68,PCB80C552-4WF, PHILIPS			
	J.....1	00.00.0000	not used				
	J.....2	54.21.2007	2*2P	CINCH CONN. GOLD WAKA 04 P 0483-50			
	J.....3	54.14.5540	20-P	FEM. MICRO-MATCH, AMP 2-215 079-0			
	J.....4	54.14.5508	8-P	FEM. MICRO-MATCH, AMP 0-215 079-8			
	J.....5	54.10.0032	2*16P	FEM. EDGE CONNECT. AMP 1-215 230-6			
	J.....6	54.14.5510	10-P	FEM. MICRO-MATCH, AMP 1-215 079-0			
	J.....7	54.14.5516	16-P	FEM. MICRO-MATCH, AMP 1-215 079-6			
	J.....8	54.25.0005	5-P	FEM. 12 Amp. VERT., AMP 826 849-3			
	J.....9	54.25.0008	8-P	FEM. 12 Amp. VERT., AMP 826 851-3			
	J....10	54.14.5520	20-P	FEM. MICRO-MATCH, AMP 2-215 079-0			
	J....11	54.14.5540	20-P	FEM. MICRO-MATCH, AMP 2-215 079-0			
	L.....1	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....2	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K			
	L.....3	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....4	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....5	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700			
	L.....6	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K			

1.751.220.21 CONTROL UNIT 2/3

L.....7	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K				
L.....8	62.02.3220	22uH	10%,1.4 OHM, TDK EL 0606 SKI-220K				
L.....9	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700				
L....10	62.01.0115	110MHz	HF-CHOKE PHILIPS 4312 020 36700				
MP....1	21.48.0354	4 PCS	SCREW M3x6 SYSTEM TAPTITE				
MP....2	24.16.2030	2 PCS	SERRAT LOCK WASHER M3				
MP....3	43.01.0108	1 PCE	ESE WARNING LABEL				
MP....4	50.20.2004	5 PCS	MOUNTING CLIP TO220				
MP....5	50.20.3004	2 PCS	HEAT SINK TO220				
MP....6	1.751.220.02	1 PCE	COOLING PLATE				ST
MP....7	1.751.220.03	1 PCE	HEAT CONDUCTOR				ST
MP....8	1.751.220.04	1 PCE	CONN. CABLE UPPER BUS				ST
MP....9	1.751.220.05	1 PCE	CONN. CABLE POWAMP CONTROL				ST
MP...10	1.751.220.06	1 PCE	CONN. CABLE LOWER BUS				ST
MP...11	1.751.220.07	1 PCE	CONN. CABLE POWAMP SUPPLY				ST
MP...12	1.751.220.09	1 PCE	CONN. CABLE LED				ST
MP...13	1.751.220.13	1 PCE	CONTROL UNIT PCB				ST
MP...14	28.21.2408	2 PCS	TUBULAR RIVETS L=6mm D=3mm				
P.....1	54.99.0246	9-P	ANG., MALE, LOW COST, D-TYPE				
P.....4	54.14.5590	20-P	MALE,MICRO-MATCH, AMP 2-215 464-0				
P.....5	54.14.5590	20-P	MALE,MICRO-MATCH, AMP 2-215 464-0				
P.....6	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.				
P.....7	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.				
P.....8	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.				
P.....9	54.02.0328	1-P	ANG.,FLATPIN 2.8 * 0.8 mm HORIZ.				
Q.....1	50.03.0515	BC307B	PNP, TO92-1				
Q.....2	50.03.0436	BC237B	NPN, TO92-1				
Q.....3	50.03.0515	BC307B	PNP, TO92-1				
Q.....4	50.03.0436	BC237B	NPN, TO92-1				
Q.....5	50.03.0515	BC307B	PNP, TO92-1				
Q.....6	50.03.0436	BC237B	NPN, TO92-1				
Q.....7	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR				
Q.....8	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR				
Q.....9	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR				
Q....10	50.08.0100	BT151	7.5A, 400V, TO220,THYRISTOR				
Q....11	50.03.0515	BC307B	PNP, TO92-1				
Q....12	50.03.0515	BC307B	PNP, TO92-1				
Q....13	50.03.0436	BC237B	NPN, TO92-1				
Q....14	50.03.0436	BC237B	NPN, TO92-1				
Q....15	50.03.0436	BC237B	NPN, TO92-1				
Q....16	50.03.0515	BC307B	PNP, TO92-1				
Q....17	50.03.0627	BF423	PNP, TO92-4				
Q....18	50.03.0436	BC237B	NPN, TO92-1				
Q....19	50.03.0436	BC237B	NPN, TO92-1				
Q....20	50.03.0553	BF422	NPN, TO92-4				
Q....21	50.03.0553	BF422	NPN, TO92-4				
Q....22	50.03.0627	BF423	PNP, TO92-4				
Q....23	50.03.0436	BC237B	NPN, TO92-1				
Q....24	50.03.0436	BC237B	NPN, TO92-1				
Q....25	50.03.0351	BC327-25	PNP, TO92-1				
Q....26	50.03.0436	BC237B	NPN, TO92-1				
Q....27	50.03.0515	BC307B	PNP, TO92-1				
Q....28	50.03.0491	BC546B	NPN, TO92-1				
Q....29	50.03.0515	BC307B	PNP, TO92-1				
Q....30	50.03.0515	BC307B	PNP, TO92-1				
Q....31	50.99.0119	2N6073B	4.0A, 400V, TO126, TRIAC				
Q....32	50.03.0776	2SC2238	NPN, TO220-1				
Q....33	50.03.0801	2SA968	PNP, TO220-1				
Q....37	50.03.0492	BC556B	PNP, TO92-1				
Q....38	50.03.0491	BC546B	NPN, TO92-1				
Q....39	50.03.0436	BC237B	NPN, TO92-1				
Q....40	50.03.0451	BD139-10	NPN, TO126-1				
R.....1	57.11.3221	220E	1%, 0.6W, 0207, MF				
R.....2	57.11.3102	1k	1%, 0.6W, 0207, MF				
R.....3	57.11.3471	470E	1%, 0.6W, 0207, MF				
R.....4	57.11.3101	100E	1%, 0.6W, 0207, MF				
R.....5	57.11.3102	1k	1%, 0.6W, 0207, MF				
R.....6	57.11.3101	100E	1%, 0.6W, 0207, MF				
R.....7	57.11.3183	18k	1%, 0.6W, 0207, MF				
R.....8	57.11.3472	4k7	1%, 0.6W, 0207, MF				
R.....9	57.11.3561	560E	1%, 0.6W, 0207, MF				
R....10	57.11.3102	1k	1%, 0.6W, 0207, MF				
R....11	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....12	57.11.3332	3k3	1%, 0.6W, 0207, MF				
R....13	57.11.3183	18k	1%, 0.6W, 0207, MF				
R....14	57.11.3472	4k7	1%, 0.6W, 0207, MF				
R....15	57.11.3471	470E	1%, 0.6W, 0207, MF				
R....16	57.11.3332	3k3	1%, 0.6W, 0207, MF				
R....17	57.11.3473	47k	1%, 0.6W, 0207, MF				
R....18	57.11.3561	560E	1%, 0.6W, 0207, MF				
R....19	57.11.3473	47k	1%, 0.6W, 0207, MF				
R....20	57.11.3561	560E	1%, 0.6W, 0207, MF				
R....21	57.11.3561	560E	1%, 0.6W, 0207, MF				
R....22	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....23	57.11.3102	1k	1%, 0.6W, 0207, MF				
R....24	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....25	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....26	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....27	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....28	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....29	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....30	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....31	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....32	57.11.3561	560E	1%, 0.6W, 0207, MF				
R....33	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....34	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....35	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....36	57.11.3561	560E	1%, 0.6W, 0207, MF				
R....37	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....38	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....39	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....40	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....41	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....42	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....43	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....44	57.11.3680	68E	1%, 0.6W, 0207, MF				
R....45	57.11.3821	820E	1%, 0.6W, 0207, MF				
R....46	57.11.3223	22k	1%, 0.6W, 0207, MF				
R....47	57.11.3223	22k	1%, 0.6W, 0207, MF				
R....48	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....49	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....50	57.11.3621	620E	1%, 0.6W, 0207, MF				
R....51	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....52	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....53	57.11.3104	100k	1%, 0.6W, 0207, MF				
R....54	57.11.3621	620E	1%, 0.6W, 0207, MF				
R....55	57.11.3201	200E	1%, 0.6W, 0207, MF				
R....56	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....57	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....58	57.11.3150	15E	1%, 0.6W, 0207, MF				
R....59	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....60	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....61	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....62	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....63	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....64	57.11.3150	15E	1%, 0.6W, 0207, MF				
R....65	57.11.3104	100k	1%, 0.6W, 0207, MF				
R....66	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....67	57.11.3621	620E	1%, 0.6W, 0207, MF				
R....68	57.11.3102	1k	1%, 0.6W, 0207, MF				
R....69	57.11.3222	2k2	1%, 0.6W, 0207, MF				
R....70	57.11.3221	220E	1%, 0.6W, 0207, MF				
R....71	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....72	57.19.0270	27E	5%, 0.33W, 0207, R-FUSE				
R....73	57.11.3473	47k	1%, 0.6W, 0207, MF				
R....74	57.11.3681	680E	1%, 0.6W, 0207, MF				
R....75	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....76	57.19.0100	10E	5%, 0.33W, 0207, R-FUSE				
R....77	57.11.3223	22k	1%, 0.6W, 0207, MF				
R....78	57.11.3474	470k	1%, 0.6W, 0207, MF				
R....79	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....80	57.11.3150	15E	1%, 0.6W, 0207, MF				
R....81	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....82	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....83	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....84	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....85	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....86	57.11.3150	15E	1%, 0.6W, 0207, MF				
R....87	57.11.3303	30k	1%, 0.6W, 0207, MF				
R....88	57.11.3302	3k	1%, 0.6W, 0207, MF				
R....89	57.11.3474	470k	1%, 0.6W, 0207, MF				
R....90	57.11.3222	2k2	1%, 0.6W, 0207, MF				
R....91	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....92	57.11.3222	2k2	1%, 0.6W, 0207, MF				
R....93	57.92.7015	1.1A	50V, PTC RAYCHEM RXE 110				
R....94	57.11.3222	2k2	1%, 0.6W, 0207, MF				
R....95	57.11.3102	1k0	1%, 0.6W, 0207, MF				
R....96	00.00.0000	not used					
R....97	57.11.3103	10k	1%, 0.6W, 0207, MF				
R....98	57.11.3473	47k	1%, 0.6W, 0207, MF				
R....99	57.11.3302	3k	1%, 0.6W, 0207, MF				
R...100	57.11.3473	47k	1%, 0.6W, 0207, MF				
R...101	57.11.3103	10k	1%, 0.6W, 0207, MF				
R...102	57.11.3474	470k	1%, 0.6W, 0207, MF				
R...103	57.11.3302	3k	1%, 0.6W, 0207, MF				
R...104	57.92.7016	1.6A	50V, PTC RAYCHEM RXE 160				

1.751.220.21 CONTROL UNIT 3/3

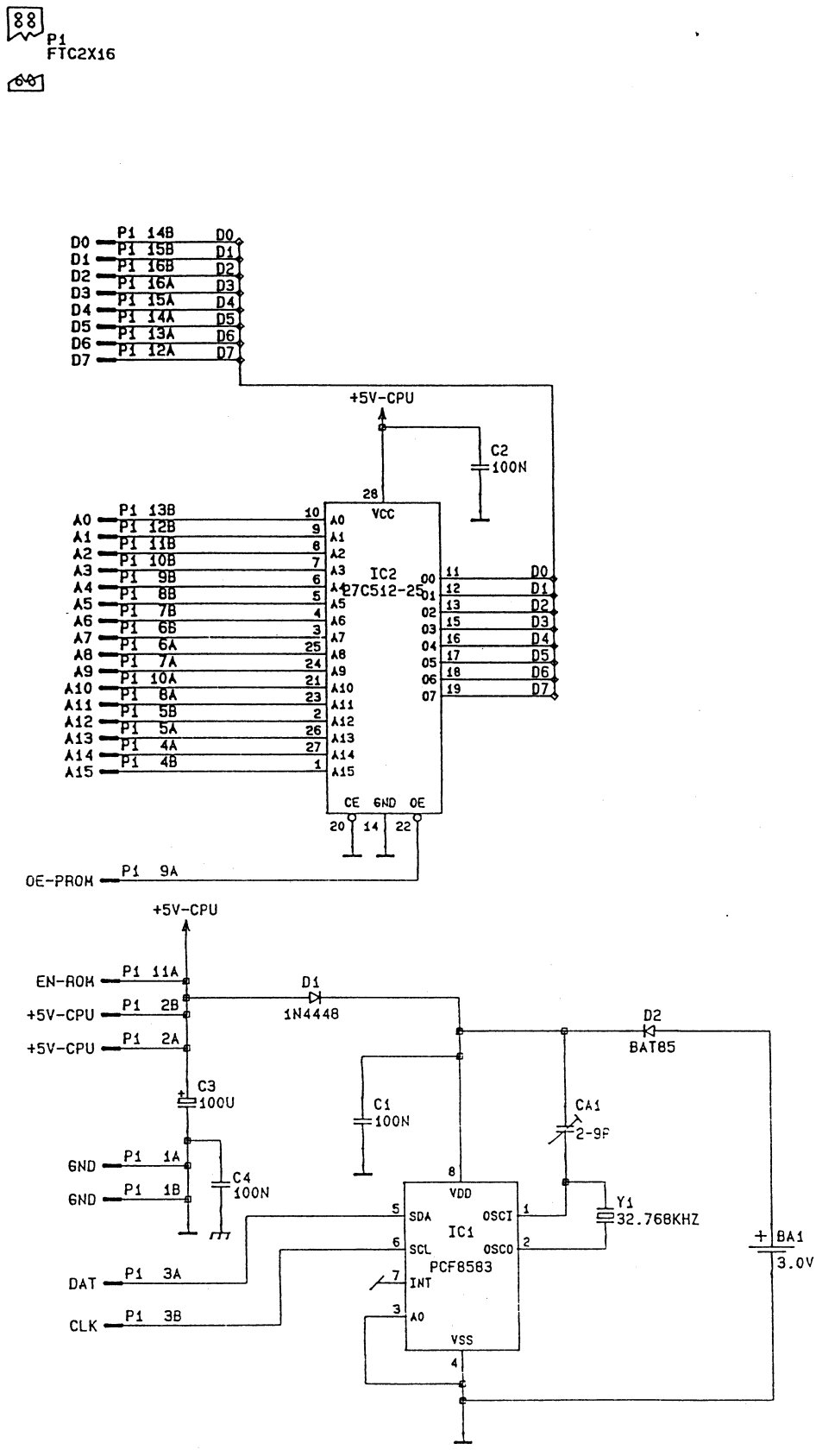
R...105	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...106	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...107	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...108	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...109	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...110	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...111	57.11.3000	0E	1%,	0-OHM RES. (WIRE JUMPER)		
R...112	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...113	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...114	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...115	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...116	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...117	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...118	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...119	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...120	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...121	57.11.3153	15k	1%,	0.6W,	0207,	MF
R...122	57.11.3470	47E	1%,	0.6W,	0207,	MF
R...123	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...124	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...125	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...126	57.92.7020	0.75A	60V,	PTC RAYCHEM RXE 075		
R...127	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...128	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...129	57.11.3104	100k	1%,	0.6W,	0207,	MF
R...130	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...131	57.11.3203	20k	1%,	0.6W,	0207,	MF
R...132	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...133	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...134	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...135	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...136	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...137	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...138	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...139	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...140	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...141	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...142	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...143	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...144	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...145	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...146	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...147	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...148	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...149	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...150	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...151	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...152	57.19.0100	10E	5%,	0.33W,	0207,	R-FUSE
R...153	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...154	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...155	57.11.3474	470k	1%,	0.6W,	0207,	MF
R...156	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...157	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...158	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...159	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...160	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...161	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...162	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...163	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...164	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...165	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...166	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...167	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...168	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...169	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...170	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...171	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...172	57.11.3181	180E	1%,	0.6W,	0207,	MF
R...173	57.11.3181	180E	1%,	0.6W,	0207,	MF
R...174	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...175	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...176	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...177	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...178	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...179	57.19.0391	390E	5%,	0.33W,	0207,	R-FUSE
R...180	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...181	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...182	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...183	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...184	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...185	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...186	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...187	57.19.0391	390E	5%,	0.33W,	0207,	R-FUSE
R...189	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...190	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...191	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...192	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...193	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...194	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...195	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...197	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...200	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...201	57.11.3222	2k2	1%,	0.6W,	0207,	MF
R...202	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...203	57.19.0561	560E	5%,	0.33W,	0207,	R-FUSE
R...204	57.19.0561	560E	5%,	0.33W,	0207,	R-FUSE
R...206	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...207	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...208	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...209	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...210	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...211	57.11.3561	560E	1%,	0.6W,	0207,	MF
R...212	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...213	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...214	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...215	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...216	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...217	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...218	57.11.3822	8k2	1%,	0.6W,	0207,	MF
R...219	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...220	57.11.3151	150E	1%,	0.6W,	0207,	MF
R...221	57.11.3151	150E	1%,	0.6W,	0207,	MF
R...222	57.93.1479	4E7	20%/1.5W,	NTC SIEMENS Q63023-S1479-M		
R...223	57.11.3104	100k	1%,	0.6W,	0207,	MF
R...224	57.11.3104	100k	1%,	0.6W,	0207,	MF
R...225	57.11.3683	68k	1%,	0.6W,	0207,	MF
R...226	57.11.3683	68k	1%,	0.6W,	0207,	MF
R...452	57.11.3104	100k	1%,	0.6W,	0207,	MF
R...453	57.11.3104	100k	1%,	0.6W,	0207,	MF
S.....1	55.03.0286	1*A	MAINS SW., 4A/250V, ALPS Model SDDLD1			
X.....1	53.03.0145	5*20	FUSE-CLIP, SCHURTER FAP 031.3551			
XIC...2	53.03.0173	DIL28	SOCKET FOR IC 2			
XIC...4	53.03.0166	DIL 8	SOCKET FOR IC 4			
Y.....1	89.01.1004	11.059MHZ	QUARZ FAR., HC18/43/49/U VERT.			

sid93/02/1000

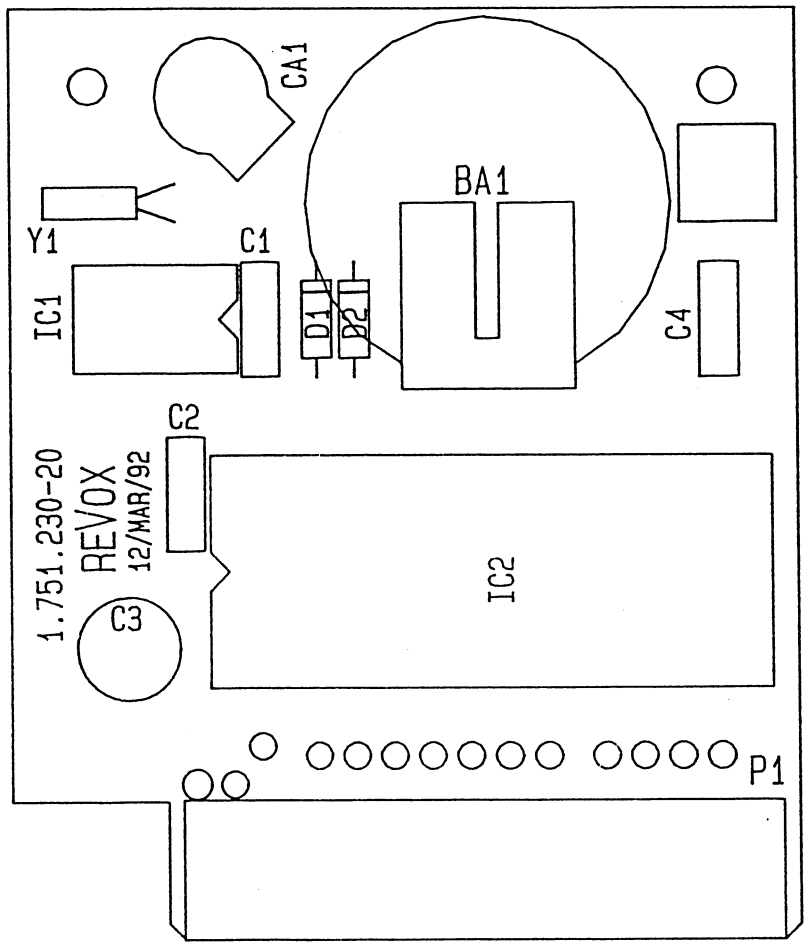
MF= Metal Film Si= Silicon El= Electrolytic
Cer= Ceramic PETP= Polyester SAL= Solid Aluminum
PP= Polypropylen

MANUFACTURER: ST= STUDER REVOX

END



0 10/MAR/92SID				
	AMPLIFIER			PAGE 1 OF 1
REVOX	MEMORY CARD		SC	1.751.230-20



0 12/MAR/92 sid				
	AMPLIFIER	(OPTION)		PAGE 1 OF 1
REVOX	MEMORY CARD		BP	1.751.230-20

1.751.230.20 MEMORY CARD W/TIMER

Ad	..Pos..	...Ref.No...	Description	
	BA....1	89.01.2202	3V/260mAh	Lithium Battery CR2430PCB, VARTA
	C.....1	59.06.0104	100nF	10%, 63V PETP 2.5*7.5*8mm
	C.....2	59.06.0104	100nF	10%, 63V PETP 2.5*7.5*8mm
	C.....3	59.22.3101	100uF	-20/+50%,10V C-EL D6.8*15mm
	C.....4	59.06.0104	100nF	10%, 63V PETP 2.5*7.5*8mm
	CA....1	59.18.0105	2-10pF	Plastic Film Trimmer PHILIPS 222280811109
	D.....1	50.04.0125	1N4448	DO35 Rectifier Diode
	D.....2	50.04.0127	BAT85	DO35 Shottky Diode
	IC....1	50.16.0800	PCF8583P	Clock Calendar & 256*8 SRAM,PHILIPS
	IC....2	50.14.2002	27C512	64k*8 CMOS EPROM 250ns
	MP....1	1.751.230.11		MEMORY CARD PCB empty
	Y.....1	89.01.1005	32.768kHz	+/-20ppm Miniature Quarz D2*6mm

sid93/01/1900

PETP= Polyester, C-EL= Electrolytic Capacitor

MANUFACTURER: ST= STUDER REVOX
END

1.751.250.00 AMPLIFIER BOARD 1/4

Ad	..Pos..	...Ref.No...	Description				
	C.....1	59.06.0104	100n	10%,	63V,	59.06-1	
	C.....2	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....3	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....4	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....5	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C.....6	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....7	59.06.0104	100n	10%,	63V,	59.06-1	
	C.....8	59.06.0474	470n	10%,	63V,	59.06-3	
	C.....9	59.06.0473	47n	10%,	63V,	59.06-1	
	C....10	59.32.1470	47p	10%,	400V,	59.32-1	
	C....11	59.06.0474	470n	10%,	63V,	59.06-3	
	C....12	59.32.1470	47p	10%,	400V,	59.32-1	
	C....13	59.06.0473	47n	10%,	63V,	59.06-1	
	C....14	59.35.6153	15000u	-20/+50%,	63V,	59.35-P	
	C....15	59.35.6153	15000u	-20/+50%,	63V,	59.35-P	
	C....16	59.06.0474	470n	10%,	63V,	59.06-3	
	C....17	59.06.0474	470n	10%,	63V,	59.06-3	
	C....18	59.06.0473	47n	10%,	63V,	59.06-1	
	C....19	59.06.0473	47n	10%,	63V,	59.06-1	
	C....20	59.32.1470	47p	10%,	400V,	59.32-1	
	C....21	59.32.1470	47p	10%,	400V,	59.32-1	
	C....22	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....23	59.06.0104	100n	10%,	63V,	59.06-1	
	C....24	59.06.0104	100n	10%,	63V,	59.06-1	
	C....25	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....26	59.02.2154	150n	5%,	100V,	59.05-5,	5*13
	C....27	59.22.9221	220u	-20/+50%,	100V,	59.22-L	
	C....28	59.22.9221	220u	-20/+50%,	100V,	59.22-L	
	C....29	59.02.2154	150n	5%,	100V,	59.05-5,	5*13
	C....30	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....31	59.06.0104	100n	10%,	63V,	59.06-1	
	C....32	59.06.0104	100n	10%,	63V,	59.06-1	
	C....33	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....34	59.05.6222	2n2	10%,	400V,	13*5*11	
	C....35	59.05.6222	2n2	10%,	400V,	13*5*11	
	C....36	59.02.2154	150n	5%,	100V,	5*13	
	C....37	59.25.7100	10u	20%,	100V,	9*19	
	C....38	59.05.6333	33n	10%,	400V,	18*5.5*11	
	C....39	59.05.6333	33n	10%,	400V,	18*5.5*11	
	C....40	59.25.7100	10u	20%,	100V,	9*19	
	C....41	59.02.2154	150n	5%,	100V,	59.05-5,	5*13
	C....42	59.06.5332	3n3	5%,	63V,	59.06-1	
	C....43	59.06.5332	3n3	5%,	63V,	59.06-1	
	C....44	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....45	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....46	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....47	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....48	59.06.5152	1n5	5%,	63V,	59.06-1	
	C....49	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....50	59.06.5474	470n	5%,	63V,	59.06-3	
	C....51	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....52	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....53	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....54	59.34.5471	470p	5%,	63V,	59.34-4,	N1500
	C....55	59.06.5102	1n	5%,	63V,	59.06-1	
	C....56	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....57	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....58	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....59	59.06.5334	330n	5%,	63V,	59.06-3	
	C....60	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....61	59.34.1100	10p	5%,	63V,	59.34-1,	NP0
	C....62	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....63	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....64	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....65	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....66	59.06.5152	1n5	5%,	63V,	59.06-1	
	C....67	59.06.5102	1n	5%,	63V,	59.06-1	
	C....68	59.06.5474	470n	5%,	63V,	59.06-3	
	C....69	59.06.5334	330n	5%,	63V,	59.06-3	
	C....70	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....71	59.34.5471	470p	5%,	63V,	59.34-4,	N1500
	C....72	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....73	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....74	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....75	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....76	59.34.1100	10p	5%,	63V,	59.34-1,	NP0
	C....77	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....78	59.05.2101	100p	2.5%,	630V,	59.05-1	
	C....79	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....80	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....81	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....82	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....83	59.22.4101	100u	-20/+50%,	16V,	59.22-A	
01	C....83	59.22.3101	100u	-20/+50%,	10V,	59.22-A	
	C....84	59.06.0104	100n	10%,	63V,	59.06-1	
	D.....1	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....2	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....3	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....4	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....5	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....6	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....7	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....8	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....9	50.04.0125	1N4448	DO35,RECTIFIER			
	D....10	50.04.0125	1N4448	DO35,RECTIFIER			
	D....11	50.04.0125	1N4448	DO35,RECTIFIER			
	D....12	50.04.0125	1N4448	DO35,RECTIFIER			
	D....13	50.04.0125	1N4448	DO35,RECTIFIER			
	D....14	50.04.0125	1N4448	DO35,RECTIFIER			
	D....15	50.04.0125	1N4448	DO35,RECTIFIER			
	D....16	50.04.0133	BAV20	DO35,RECTIFIER			
	D....17	50.04.0125	1N4448	DO35,RECTIFIER			
	D....18	50.04.0133	BAV20	DO35,RECTIFIER			
	D....19	50.04.0125	1N4448	DO35,RECTIFIER			
	D....20	50.04.0125	1N4448	DO35,RECTIFIER			
	D....21	50.04.0125	1N4448	DO35,RECTIFIER			
	D....22	50.04.0125	1N4448	DO35,RECTIFIER			
	D....23	50.04.0125	1N4448	DO35,RECTIFIER			
	D....24	50.04.0125	1N4448	DO35,RECTIFIER			
	D....25	50.04.0125	1N4448	DO35,RECTIFIER			
	D....26	50.04.0125	1N4448	DO35,RECTIFIER			
	D....27	50.04.0125	1N4448	DO35,RECTIFIER			
	D....28	50.04.0125	1N4448	DO35,RECTIFIER			
	D....29	50.04.0125	1N4448	DO35,RECTIFIER			
	D....30	50.04.0125	1N4448	DO35,RECTIFIER			
	D....31	50.04.0125	1N4448	DO35,RECTIFIER			
	D....32	50.04.0125	1N4448	DO35,RECTIFIER			
	D....33	50.04.0125	1N4448	DO35,RECTIFIER			
	D....34	50.04.0125	1N4448	DO35,RECTIFIER			
	D....35	50.04.0125	1N4448	DO35,RECTIFIER			
	D....36	50.04.0125	1N4448	DO35.RECTIFIER			
	D....37	50.04.0125	1N4448	DO35,RECTIFIER			
	D....38	50.04.0125	1N4448	DO35,RECTIFIER			
	D....39	50.04.0125	1N4448	DO35,RECTIFIER			
	D....40	50.04.0125	1N4448	DO35,RECTIFIER			
	D....41	50.04.0125	1N4448	DO35,RECTIFIER			
	D....42	50.04.0125	1N4448	DO35,RECTIFIER			
	D....43	50.04.0125	1N4448	DO35,RECTIFIER			
	DL....1	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DL....2	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DL....3	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DL....4	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DV....1	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....2	50.04.1112	5.1V	5%,	0.5W,	DO35,	ZENER
	DV....3	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....4	50.04.1112	5.1V	5%,	0.5W,	DO35,	ZENER
	DV....5	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....6	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....7	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....8	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....9	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV...10	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV...11	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV...12	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	IC....1	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC....2	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC....3	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	IC....4	50.07.0037	AD7528	DIP20, D/A CONV. 8BIT DUAL MP			
	IC....5	50.09.0106	5532AN	DIP08, LINEAR OPAMP DUAL			
	IC....6	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC....7	50.07.0018	HEF4094	DIP16, SHIFT AND STORE BUS REG.			
	IC....8	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	IC....9	50.07.0015	HEF4053B	DIP16, TRIP. 2-CH. ANA. MUX/DEMU			
	IC...10	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC...11	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	IC...12	50.07.0018	HEF4094	DIP16, SHIFT AND STORE BUS REG.			
	IC...13	50.07.0037	AD7528	DIP20, D/A CONV. 8BIT DUAL MP			
	IC...14	50.09.0106	5532AN	DIP08, LINEAR OPAMP DUAL			
	IC...15	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC...16	50.07.0015	HEF4053B	DIP16, TRIP. 2-CH. ANA. MUX/DEMU			
	IC...17	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	J.....1	54.25.0006	6-P	12A,POWER CONN. AMP 826 850-3			
	J.....2	54.01.0241	4-P	RM2.5,CIS-CONN.TOP AMP 163 680-2			
	J.....3	54.25.0004	4-P	16A,POWER CONN. AMP 826 848-3			

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	J.....4	54.14.5520	20-P	VERT,MICRO-MATCH AMP 2-215 079-0	
01	J.....5	00.00.0000	not used		
	K.....1	56.04.0161	2*2U	24V,RELAY ZETTLER AZ 820-2C-24DE	
	L.....1	1.745.260.03	1.5uH	10%,OUTPUT COIL, AIR	
	L.....2	1.745.260.03	1.5uH	10%,OUTPUT COIL, AIR	
	MP....1	21.46.0356	18 PCS	SCREW M3 * 10 SYSTEM TAPTITE	
	MP....2	21.48.0354	3 PCS	SCREW M3 * 8 SYSTEM TAPTITE	
	MP....3	37.01.0101	36 PCS	SPRING WASHER D3.2 / 8	
	MP....4	24.16.2030	1 PCS	SERRAT LOCK WASHER M 3	
	MP....5	50.20.0404	6 PCS	INSULATING BUSH	
02	MP....5	00.00.0000	not used		
	MP....6	1.010.098.27	6 PCS	WASHER	ST
	MP....7	1.751.250.02	1 PCE	COOLING PLATE	ST
	MP....8	1.745.260.02	2 PCS	HEAT CONDUCTOR	ST
02	MP....8	00.00.0000	not used		
	MP....9	1.751.250.11	1 PCE	AMPLIFIER PCB	ST
01	MP....9	1.751.250.12	1 PCE	AMPLIFIER PCB	ST
01	MP...10	1.010.014.22	2 PCS	RIVET-NUT M3 * 4.5 mm	ST
01	MP...11	43.01.0108	1 PCS	ESE WARNING LABEL	ST
	P.....1	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	P.....2	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	P.....3	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	P.....4	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	Q.....1	50.03.0517	2SC3012	NPN, B65-1	
02	Q.....1	50.03.0903	2SC4388	NPN,	SANKEN
	Q.....2	50.03.0517	2SC3012	NPN, B65-1	
02	Q.....2	50.03.0903	2SC4388	NPN,	SANKEN
	Q.....3	50.03.0517	2SC3012	NPN, B65-1	
02	Q.....3	50.03.0903	2SC4388	NPN,	SANKEN
	Q.....4	50.03.0776	2SC2238	NPN, TO220-1	
02	Q.....4	50.03.0804	2SC4793	NPN,	To
	Q.....5	50.03.0776	2SC2238	NPN, TO220-1	
02	Q.....5	50.03.0804	2SC4793	NPN,	To
	Q.....6	50.03.0801	2SA968	PNP, TO220-1	
02	Q.....6	50.03.0853	2SA1837	PNP,	To
	Q.....7	50.03.0518	2SA1232	PNP, B65-1	
02	Q.....7	50.03.0953	2SA1673	PNP,	SANKEN
	Q.....8	50.03.0518	2SA1232	PNP, B65-1	
02	Q.....8	50.03.0953	2SA1673	PNP,	SANKEN
	Q.....9	50.03.0518	2SA1232	PNP, B65-1	
02	Q.....9	50.03.0953	2SA1673	PNP,	SANKEN
	Q....10	50.03.0518	2SA1232	PNP, B65-1	
02	Q....10	50.03.0953	2SA1673	PNP,	SANKEN
	Q....11	50.03.0518	2SA1232	PNP, B65-1	
02	Q....11	50.03.0953	2SA1673	PNP,	SANKEN
	Q....12	50.03.0518	2SA1232	PNP, B65-1	
02	Q....12	50.03.0953	2SA1673	PNP,	SANKEN
	Q....13	50.03.0801	2SA968	PNP, TO220-1	
02	Q....13	50.03.0853	2SA1837	PNP,	To
	Q....14	50.03.0776	2SC2238	NPN, TO220-1	
02	Q....14	50.03.0804	2SC4793	NPN,	To
	Q....15	50.03.0776	2SC2238	NPN, TO220-1	
02	Q....15	50.03.0804	2SC4793	NPN,	To
	Q....16	50.03.0517	2SC3012	NPN, B65-1	
02	Q....16	50.03.0903	2SC4388	NPN,	SANKEN
	Q....17	50.03.0517	2SC3012	NPN, B65-1	
02	Q....17	50.03.0903	2SC4388	NPN,	SANKEN
	Q....18	50.03.0517	2SC3012	NPN, B65-1	
02	Q....18	50.03.0903	2SC4388	NPN,	SANKEN
	Q....19	50.03.0524	BC550	NPN, TO92-1,	
	Q....20	50.03.0524	BC550	NPN, TO92-1,	
	Q....21	50.03.0600	BC560M	PNP, TO92-1,	
	Q....22	50.03.0600	BC560M	PNP, TO92-1,	
	Q....23	50.03.0801	2SA968	PNP, TO220-1	
	Q....24	50.03.0776	2SC2238	NPN, TO220-1	
	Q....25	50.03.0776	2SC2238	NPN, TO220-1	
	Q....26	50.03.0801	2SA968	PNP, TO220-1	
	Q....27	50.03.0600	BC560M	PNP, TO92-1,	
	Q....28	50.03.0600	BC560M	PNP, TO92-1,	
	Q....29	50.03.0524	BC550	NPN, TO92-1,	
	Q....30	50.03.0515	BC307B	PNP, TO92-1	
	Q....31	50.03.0801	2SA968	PNP, TO220-1	
	Q....32	50.03.0776	2SC2238	NPN, TO220-1	
	Q....33	50.03.0801	2SA968	PNP, TO220-1	
	Q....34	50.03.0524	BC550	NPN, TO92-1,	
	Q....35	50.03.0776	2SC2238	NPN, TO220-1	
	Q....36	50.03.0553	BF422	NPN, TO92-4	
	Q....37	50.03.0553	BF422	NPN, TO92-4	
	Q....38	50.03.0627	BF423	PNP, TO92-4	
	Q....39	50.03.0627	BF423	PNP, TO92-4	
	Q....40	50.03.0801	2SA968	PNP, TO220-1	
	Q....41	50.03.0776	2SC2238	NPN, TO220-1	
	Q....42	50.03.0524	BC550	NPN, TO92-1, matched with Q49	
	Q....43	50.03.0600	BC560M	PNP, TO92-1, matched with Q53	
	Q....44	50.03.0600	BC560M	PNP, TO92-1, matched with Q50	
	Q....45	50.03.0551	BC639	NPN, TO92-4	
	Q....46	50.03.0626	BC640	PNP, TO92-4	
	Q....47	50.03.0524	BC550	NPN, TO92-1, matched with Q54	
	Q....48	50.03.0627	BF423	PNP, TO92-4	
	Q....49	50.03.0524	BC550	NPN, TO92-1, matched with Q42	
	Q....50	50.03.0600	BC560M	PNP, TO92-1, matched with Q44	
	Q....51	50.03.0553	BF422	NPN, TO92-4	
	Q....52	50.03.0553	BF422	NPN, TO92-4	
	Q....53	50.03.0600	BC560M	PNP, TO92-1, matched with Q43	
	Q....54	50.03.0524	BC550	NPN, TO92-1, matched with Q47	
	Q....55	50.03.0627	BF423	PNP, TO92-4	
	Q....56	50.03.0627	BF423	PNP, TO92-4	
	Q....57	50.03.0553	BF422	NPN, TO92-4	
	Q....58	50.03.0553	BF422	NPN, TO92-4	
	Q....59	50.03.0627	BF423	PNP, TO92-4	
	Q....60	50.03.0627	BF423	PNP, TO92-4	
	Q....61	50.03.0553	BF422	NPN, TO92-4	
	Q....62	50.03.0215	2SK170	NFET, TO92-7	
	Q....63	50.03.0215	2SK170	NFET, TO92-7	
	Q....64	50.03.0215	2SK170	NFET, TO92-7	
	Q....65	50.03.0215	2SK170	NFET, TO92-7	
	R.....1	57.99.0800	100k	25%, R-NTC PHILIPS 2322 640 63 104	
	R.....2	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....3	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....4	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....5	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....6	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R.....7	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R.....8	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R.....9	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....10	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....11	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....12	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....13	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....14	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....15	57.19.0182	1k8	5%, 0.33W, 0207, R-FUSE	
	R....16	57.19.0470	47E	5%, 0.33W, 0207, R-FUSE	
	R....17	57.19.0471	470E	5%, 0.33W, 0207, R-FUSE	
	R....18	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....19	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....20	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....21	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....22	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....23	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....24	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....25	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....26	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....27	57.11.3223	22k	1%, 0.6W, 0207, MF	
	R....28	57.11.3339	3E3	1%, 0.6W, 0207, MF	
	R....29	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....30	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....31	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....32	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....33	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....34	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....35	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....36	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....37	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....38	57.19.0471	470E	5%, 0.33W, 0207, R-FUSE	
	R....39	57.19.0470	47E	5%, 0.33W, 0207, R-FUSE	
	R....40	57.19.0182	1k8	5%, 0.33W, 0207, R-FUSE	
	R....41	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....42	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....43	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....44	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....45	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....46	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....47	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....48	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....49	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....50	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....51	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....52	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....53	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....54	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....55	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....56	57.19.0102	1k	5%, 0.33W, 0207, R-FUSE	
	R....57	57.19.0102	1k	5%, 0.33W, 0207, R-FUSE	
	R....58	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....59	57.11.3223	22k	1%, 0.6W, 0207, MF	
	R....60	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	

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R....61	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....62	57.11.3102	1k	1%,	0.6W,	0207,	MF
R....63	57.11.3102	1k	1%,	0.6W,	0207,	MF
R....64	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....65	57.11.3153	15k	1%,	0.6W,	0207,	MF
R....66	57.11.3153	15k	1%,	0.6W,	0207,	MF
R....67	57.11.3153	15k	1%,	0.6W,	0207,	MF
R....68	57.11.3153	15k	1%,	0.6W,	0207,	MF
R....69	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R....70	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....71	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....72	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R....73	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....74	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....75	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....76	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....77	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....78	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....79	57.19.0102	1k	5%,	0.33W,	0207,	R-FUSE
R....80	57.19.0102	1k	5%,	0.33W,	0207,	R-FUSE
R....81	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....82	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....83	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....84	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R....85	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....86	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....87	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....88	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....89	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....90	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R....91	57.11.3102	1k	1%,	0.6W,	0207,	MF
R....92	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....93	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....94	57.11.3102	1k	1%,	0.6W,	0207,	MF
R....95	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....96	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....97	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R....98	57.11.3273	27k	1%,	0.6W,	0207,	MF
R....99	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R...100	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...101	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...102	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...103	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...104	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...105	57.11.3431	430E	1%,	0.6W,	0207,	MF
R...106	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...107	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...108	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...109	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...110	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...111	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...112	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...113	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...114	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...115	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...116	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...117	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...118	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...119	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...120	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...121	57.11.3431	430E	1%,	0.6W,	0207,	MF
R...122	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...123	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...124	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...125	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...126	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...127	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...128	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...129	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...130	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...131	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...132	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...133	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...134	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...135	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...136	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...137	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...138	57.56.5100	10E	10%,	4W,	57.56-H,	R-WW
R...139	57.56.5100	10E	10%,	4W,	57.56-H,	R-WW
R...140	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...141	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...142	57.11.3181	180E	1%,	0.6W,	0207,	MF
R...143	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...144	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...145	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...146	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...147	57.11.3181	180E	1%,	0.6W,	0207,	MF
R...148	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...149	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...150	57.11.3432	4k3	1%,	0.6W,	0207,	MF
R...151	57.11.3432	4k3	1%,	0.6W,	0207,	MF
R...152	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...153	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...154	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...155	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...156	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...157	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...158	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...159	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...160	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...161	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...162	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...163	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...164	57.11.3123	12k	1%,	0.6W,	0207,	MF
R...165	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...166	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R...167	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...168	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...169	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...170	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...171	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...172	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...173	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...174	57.11.3123	12k	1%,	0.6W,	0207,	MF
R...175	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...176	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...177	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...178	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...179	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...180	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...181	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...182	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...183	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...184	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...185	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...186	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...187	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...188	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...189	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...190	57.11.3221	220E	1%,	0.6W,	0207,	MF
R...191	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...192	57.11.3221	220E	1%,	0.6W,	0207,	MF
R...193	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...194	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...195	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...196	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...197	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...198	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...199	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...200	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...201	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...202	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...203	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...204	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...205	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...206	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...207	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...208	57.11.3152	1k5	1%,	0.6W,	0207,	MF
R...209	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...210	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...211	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...212	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...213	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...214	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...215	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...216	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...217	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R...218	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...219	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...220	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...221	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...222	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...223	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...224	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...225	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...226	57.11.3101	100E	1%,	0.6W,	0207,	MF

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	R...227	57.11.3272	2k7	1%,	0.6W,	0207,	MF
	R...228	57.11.3123	12k	1%,	0.6W,	0207,	MF
	R...229	57.11.3562	5k6	1%,	0.6W,	0207,	MF
	R...230	57.11.3562	5k6	1%,	0.6W,	0207,	MF
	R...231	57.11.3473	47k	1%,	0.6W,	0207,	MF
	R...232	57.11.3333	33k	1%,	0.6W,	0207,	MF
	R...233	57.11.3821	820E	1%,	0.6W,	0207,	MF
	R...234	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...235	57.11.3122	1k2	1%,	0.6W,	0207,	MF
	R...236	57.11.3122	1k2	1%,	0.6W,	0207,	MF
	R...237	57.11.3821	820E	1%,	0.6W,	0207,	MF
	R...238	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...239	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...240	57.11.3821	820E	1%,	0.6W,	0207,	MF
	R...241	57.11.3122	1k2	1%,	0.6W,	0207,	MF
	R...242	57.11.3122	1k2	1%,	0.6W,	0207,	MF
	R...243	57.11.3821	820E	1%,	0.6W,	0207,	MF
	R...244	57.11.3102	1k	1%,	0.6W,	0207,	MF
	R...245	57.11.3562	5k6	1%,	0.6W,	0207,	MF
	R...246	57.11.3472	4k7	1%,	0.6W,	0207,	MF
	R...247	57.11.3562	5k6	1%,	0.6W,	0207,	MF
	R...248	57.11.3221	220E	1%,	0.6W,	0207,	MF
	R...249	57.11.3221	220E	1%,	0.6W,	0207,	MF
	R...250	57.11.3472	4k7	1%,	0.6W,	0207,	MF
	R...251	57.11.3123	12k	1%,	0.6W,	0207,	MF
	R...252	57.11.3332	3k3	1%,	0.6W,	0207,	MF
	R...253	57.11.3152	1k5	1%,	0.6W,	0207,	MF
	R...254	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...255	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...256	57.11.3103	10k	1%,	0.6W,	0207,	MF
	R...257	57.11.3472	4k7	1%,	0.6W,	0207,	MF
	RA....1	58.01.9102	1k	10%,	0.5W,	3/8",	VERT.
	RA....2	58.01.9102	1k	10%,	0.5W,	3/8",	VERT.
01	W.....1	64.01.0106	10 mm	,	WIRE BRIDGE		
01	W.....2	64.01.0106	10 mm	,	WIRE BRIDGE		
01	W.....3	64.01.0106	10 mm	,	WIRE BRIDGE		

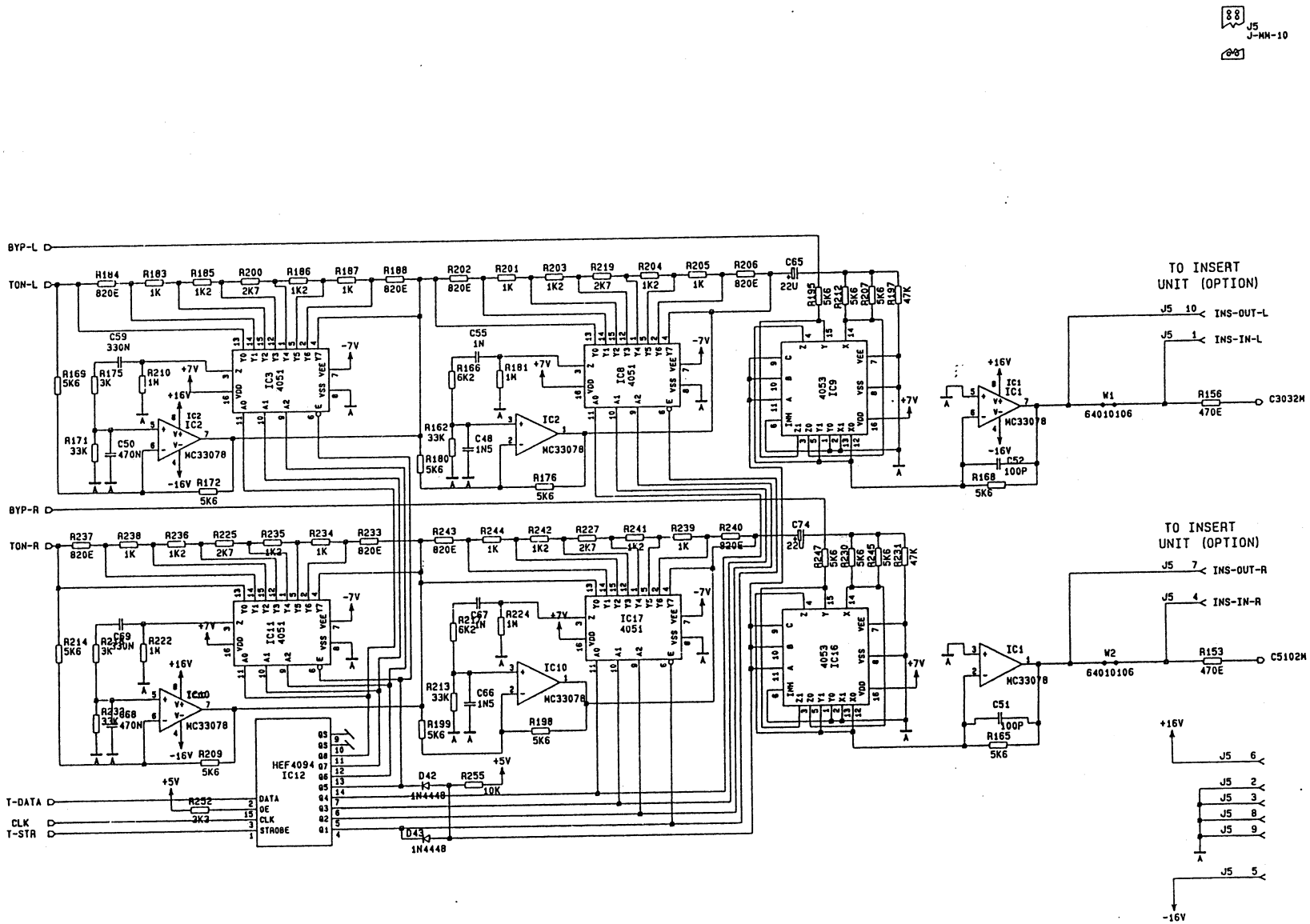
sid92/02/2000
sid92/04/2101
sid93/04/2202

MF= Metal Film Si= Silicon El= Electrolytic
Cer= Ceramic PETP= Polyester SAL= Solid Aluminum
PP= Polypropylen

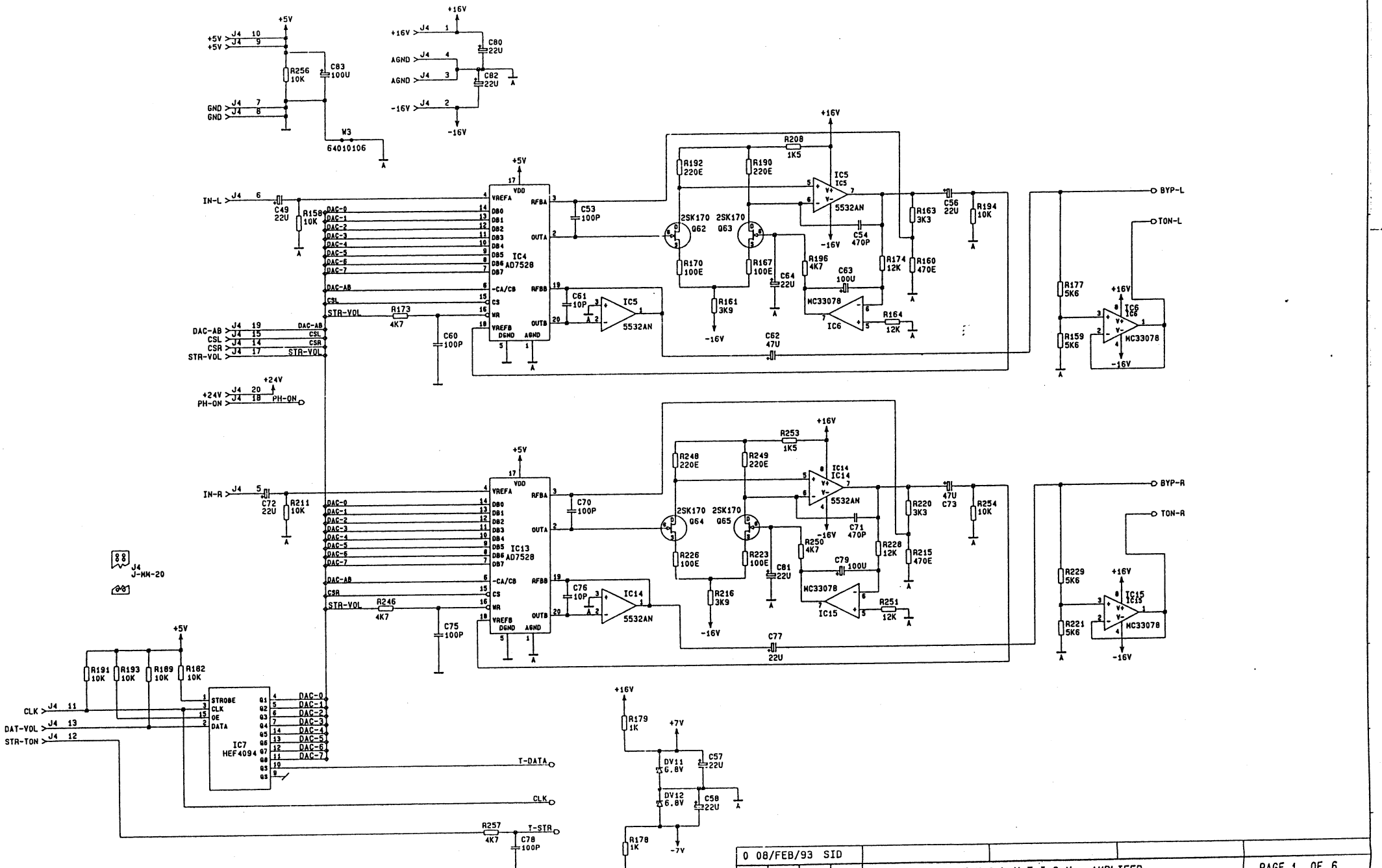
MANUFACTURER: ST= STUDER

MATCHED PAIRS: DIFFERENCE OF VBE < 5mV

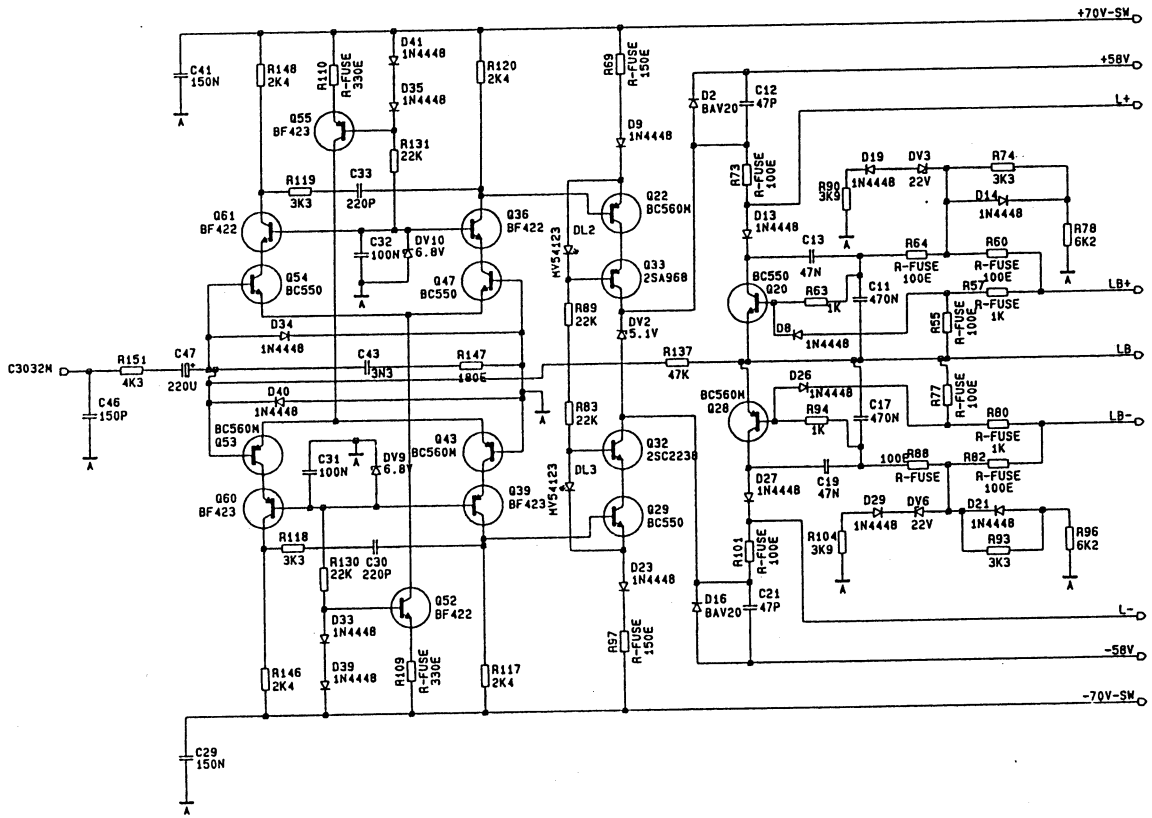
END



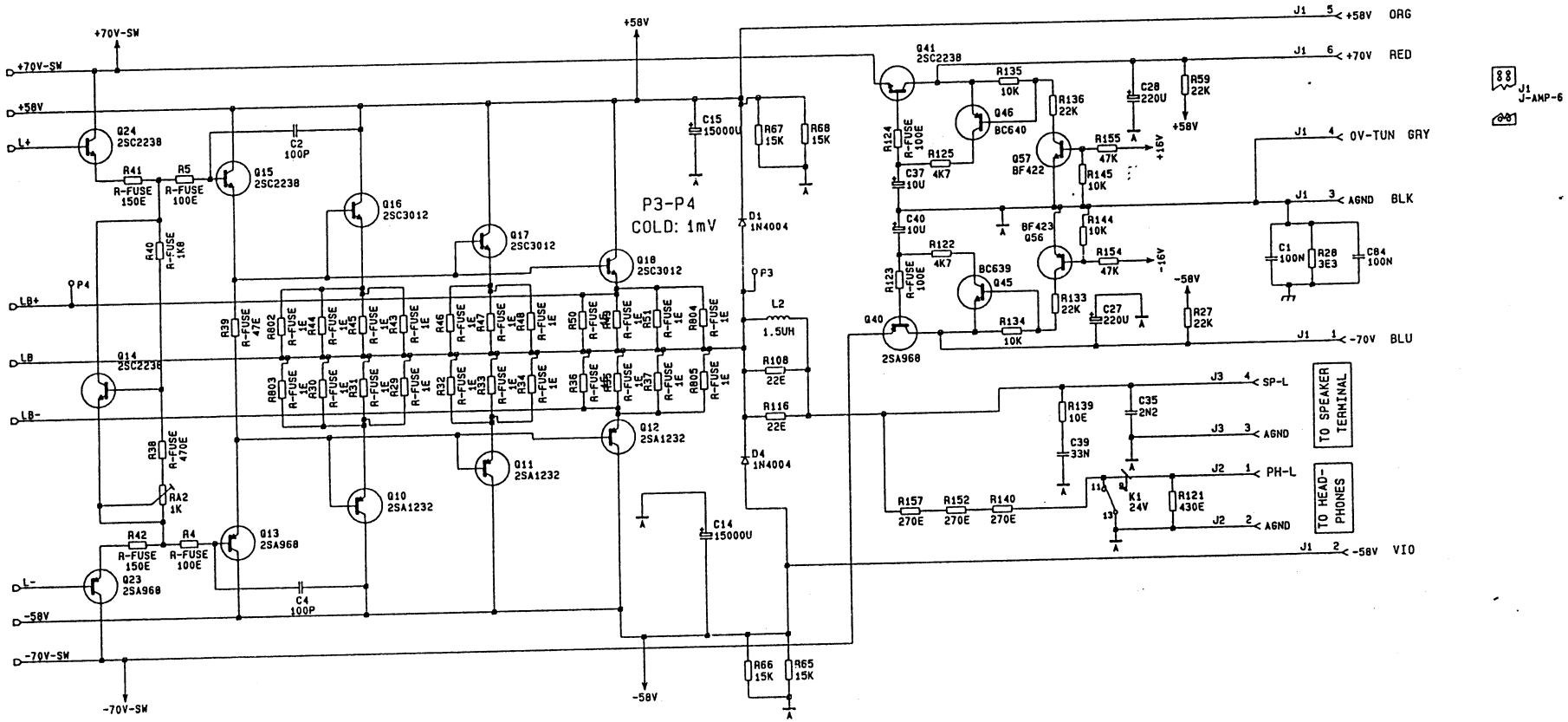
0 08/FEB/93 SID	EVOLUTION - AMPLIFER		PAGE 2 OF 6
REVOX	AMPLIFIER UNIT	SC	1.751.250-81



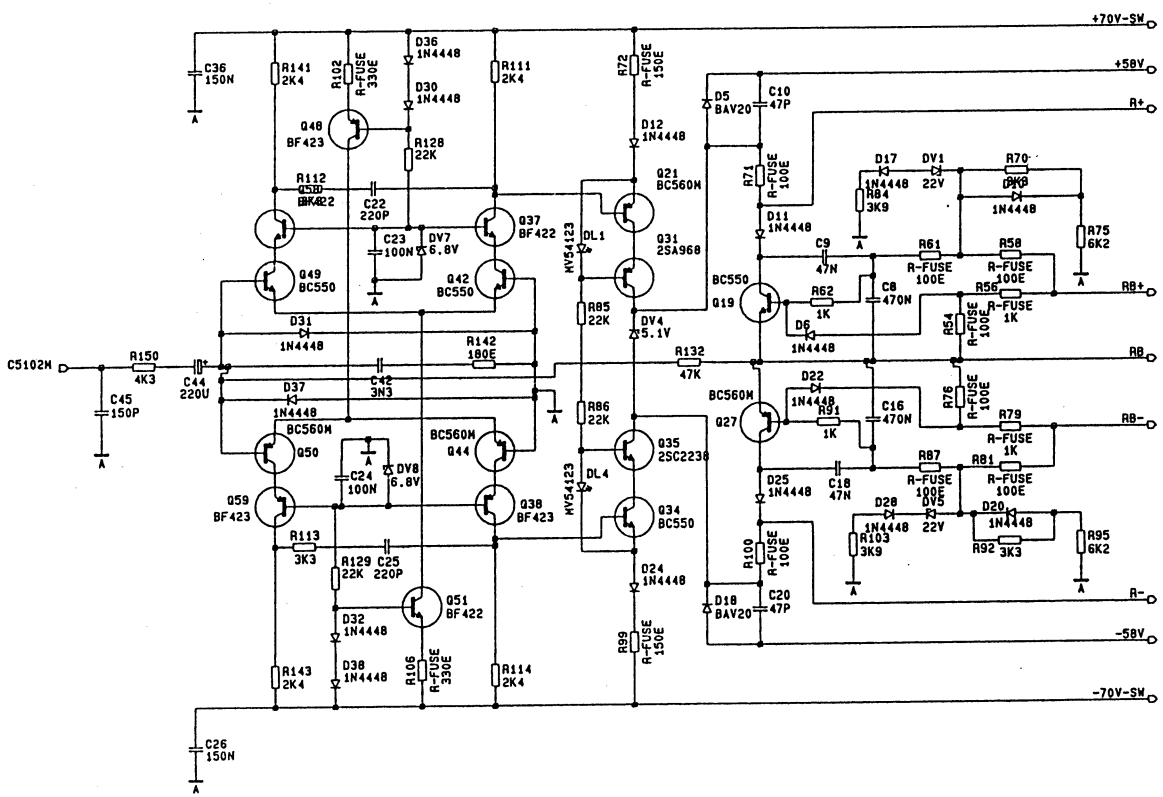
0 08/FEB/93 SID	EVOLUTION - AMPLIFER	PAGE 1 OF 6
REVOX	AMPLIFIER UNIT	SC 1.751.250-81



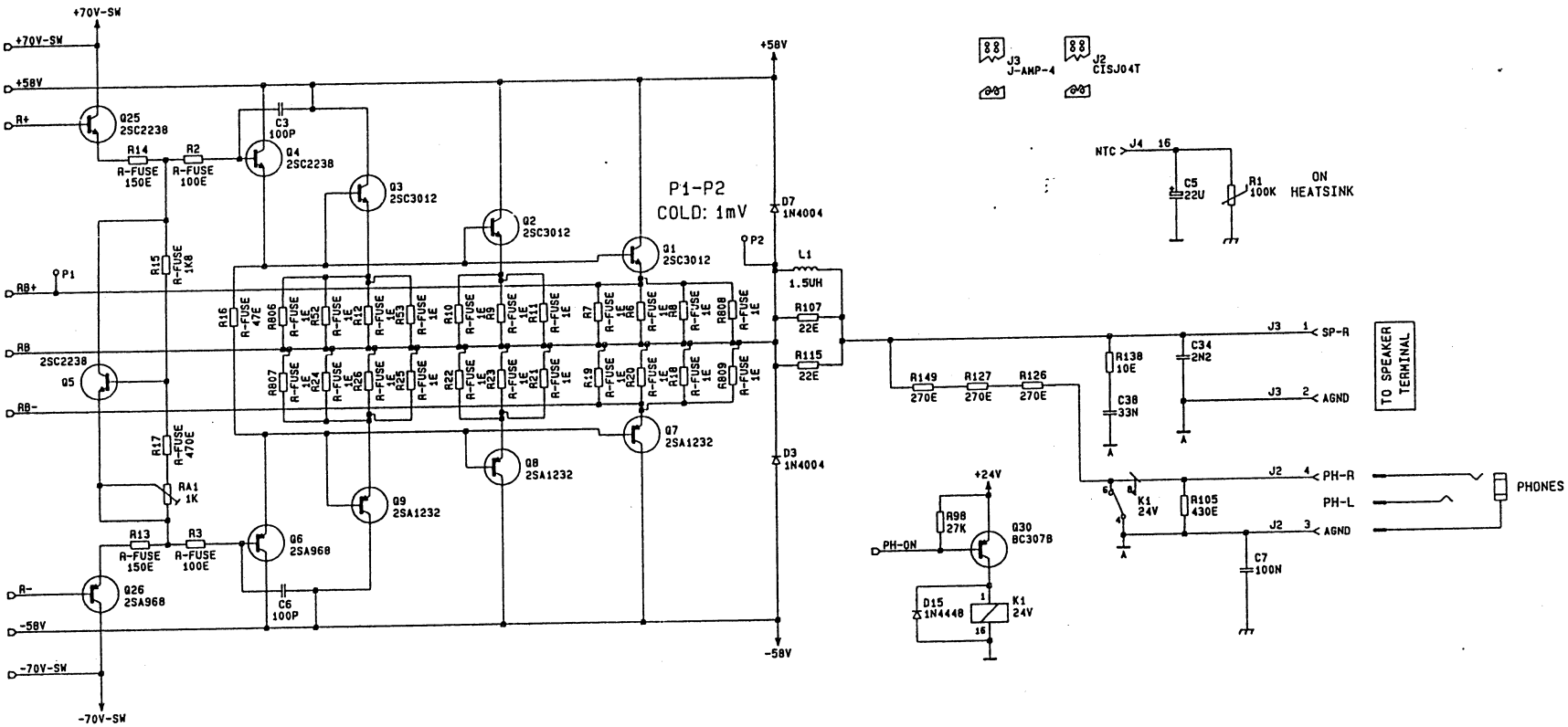
0 08/FEB/93 SID	EVOLUTION - AMPLIFER		PAGE 3 OF 6
REVOX	AMPLIFIER UNIT	SC	1.751.250-81



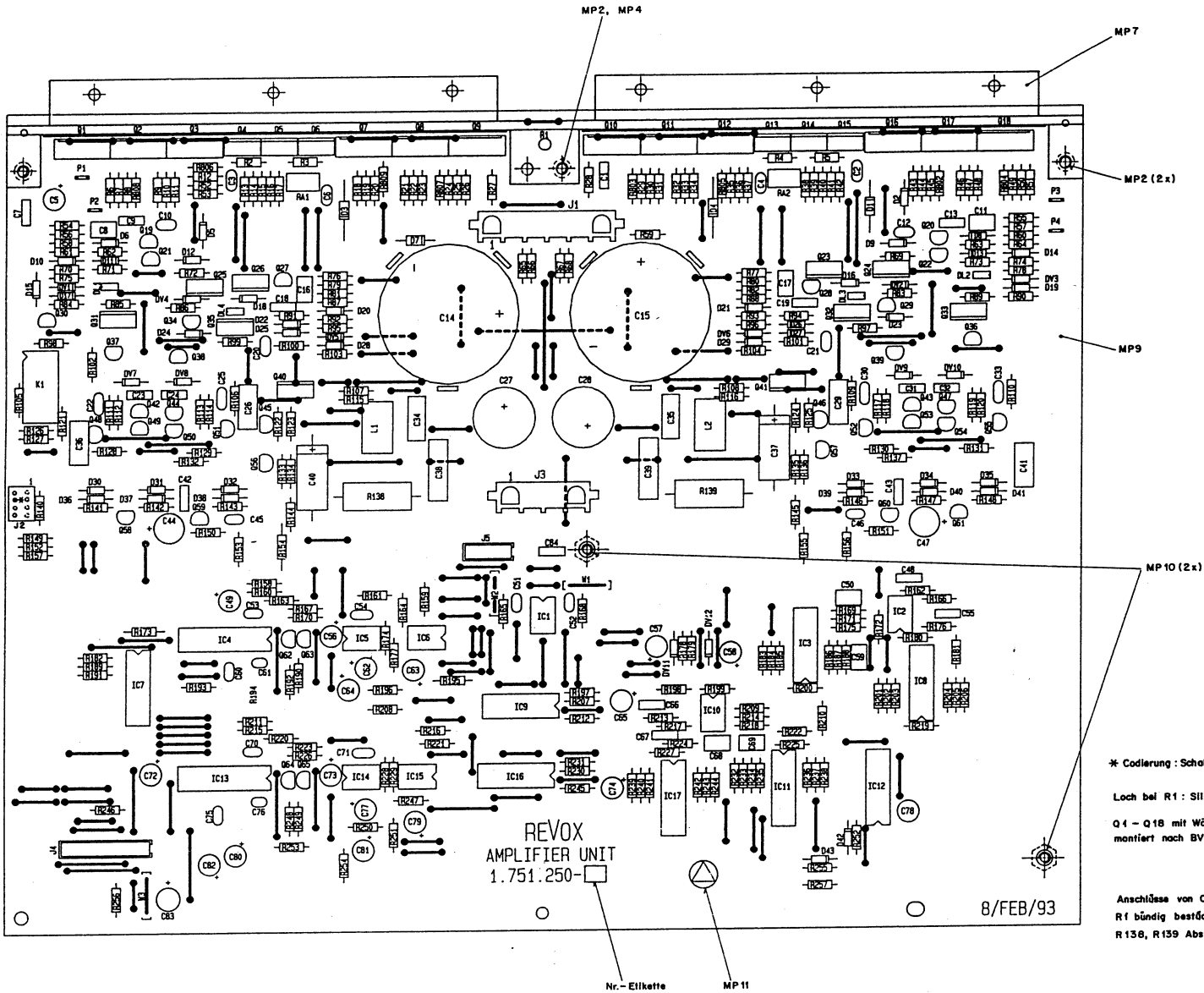
0 08/FEB/93 SID	EVOLUTION - AMPLIFER	PAGE 4 OF 6
REVOX	AMPLIFIER UNIT	SC 1.751.250-81



0 08/FEB/93 SID			PAGE 5 OF 6
REVOX	EVOLUTION - AMPLIFER		
	AMPLIFIER UNIT	SC	1.751.250-81



0 20/FEB/92 SID	EVOLUTION - AMPLIFER	PAGE 6 OF 6
REVOX	AMPLIFIER UNIT	SC 1.751.250-81



* Codierung : Schaltdraht 64.01.0108 ∮ 0,8 x 8mm

Loch bei R1 : Silikonfett einfüllen

Q1 – Q18 mit Wärmeleitpaste montiert ①
montiert nach BV 632 mit MP 1, 3, 5, 6

Anschlüsse von C14, C15 um 45° umbiegen
Rf bündig bestückt ! (nicht sicken) ①
R138, R139 Abstand ab Print min.~5mm

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Ben.:		Änderung: 22.493 2 Kr
Zugehörige Unterlagen: PL, BV 632	Freimasstoleranz: ±	Massstab: 1,5 : 1	Ausgabe: 21.2.93 2 Sid / Datum / Gez. / Gepr. / Gen.
Ersetzt für:	Ersetzt durch:		Kopie für:
STUDER REGENSDORF	benennung: AMPLIFIER UNIT		nmer: 1.751.250-81

1.751.250.81 AMPLIFIER BOARD I/4

Ad	..Pos..	...Ref.No...	Description				
	C.....1	59.06.0104	100n	10%,	63V,	59.06-1	
	C.....2	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....3	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....4	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....5	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C.....6	59.32.1101	100p	10%,	400V,	59.32-1	
	C.....7	59.06.0104	100n	10%,	63V,	59.06-1	
	C.....8	59.06.0474	470n	10%,	63V,	59.06-3	
	C.....9	59.06.0473	47n	10%,	63V,	59.06-1	
	C....10	59.32.1470	47p	10%,	400V,	59.32-1	
	C....11	59.06.0474	470n	10%,	63V,	59.06-3	
	C....12	59.32.1470	47p	10%,	400V,	59.32-1	
	C....13	59.06.0473	47n	10%,	63V,	59.06-1	
	C....14	59.35.6153	15000u	-20/+50%,	63V,	59.35-P	
	C....15	59.35.6153	15000u	-20/+50%,	63V,	59.35-P	
	C....16	59.06.0474	470n	10%,	63V,	59.06-3	
	C....17	59.06.0474	470n	10%,	63V,	59.06-3	
	C....18	59.06.0473	47n	10%,	63V,	59.06-1	
	C....19	59.06.0473	47n	10%,	63V,	59.06-1	
	C....20	59.32.1470	47p	10%,	400V,	59.32-1	
	C....21	59.32.1470	47p	10%,	400V,	59.32-1	
	C....22	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....23	59.06.0104	100n	10%,	63V,	59.06-1	
	C....24	59.06.0104	100n	10%,	63V,	59.06-1	
	C....25	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....26	59.02.2154	150n	5%,	100V,	59.05-5,	5*13
	C....27	59.22.9221	220u	-20/+50%,	100V,	59.22-L	
	C....28	59.22.9221	220u	-20/+50%,	100V,	59.22-L	
	C....29	59.02.2154	150n	5%,	100V,	59.05-5,	5*13
	C....30	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....31	59.06.0104	100n	10%,	63V,	59.06-1	
	C....32	59.06.0104	100n	10%,	63V,	59.06-1	
	C....33	59.34.4221	220p	5%,	63V,	59.34-3,	N750
	C....34	59.05.6222	2n2	10%,	400V,	13*5*11	
	C....35	59.05.6222	2n2	10%,	400V,	13*5*11	
	C....36	59.02.2154	150n	5%,	100V,	5*13	
	C....37	59.25.7100	10u	20%,	100V,	9*19	
	C....38	59.05.6333	33n	10%,	400V,	18*5.5*11	
	C....39	59.05.6333	33n	10%,	400V,	18*5.5*11	
	C....40	59.25.7100	10u	20%,	100V,	9*19	
	C....41	59.02.2154	150n	5%,	100V,	59.05-5,	5*13
	C....42	59.06.5332	3n3	5%,	63V,	59.06-1	
	C....43	59.06.5332	3n3	5%,	63V,	59.06-1	
	C....44	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....45	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....46	59.34.4151	150p	5%,	63V,	59.34-2,	N750
	C....47	59.22.3221	220u	-20/+50%,	10V,	59.22-A	
	C....48	59.06.5152	1n5	5%,	63V,	59.06-1	
	C....49	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....50	59.06.5474	470n	5%,	63V,	59.06-3	
	C....51	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....52	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....53	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....54	59.34.5471	470p	5%,	63V,	59.34-4,	N1500
	C....55	59.06.5102	1n	5%,	63V,	59.06-1	
	C....56	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....57	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....58	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....59	59.06.5334	330n	5%,	63V,	59.06-3	
	C....60	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....61	59.34.1100	10p	5%,	63V,	59.34-1,	NP0
	C....62	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....63	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....64	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....65	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....66	59.06.5152	1n5	5%,	63V,	59.06-1	
	C....67	59.06.5102	1n	5%,	63V,	59.06-1	
	C....68	59.06.5474	470n	5%,	63V,	59.06-3	
	C....69	59.06.5334	330n	5%,	63V,	59.06-3	
	C....70	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....71	59.34.5471	470p	5%,	63V,	59.34-4,	N1500
	C....72	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....73	59.22.3470	47u	-20/+50%,	10V,	59.22-Q	
	C....74	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....75	59.34.4101	100p	5%,	63V,	59.34-2,	N750
	C....76	59.34.1100	10p	5%,	63V,	59.34-1,	NP0
	C....77	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....78	59.05.2101	100p	2.5%,	630V,	59.05-1	
	C....79	59.22.3101	100u	-20/+50%,	10V,	59.22-R	
	C....80	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....81	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....82	59.22.5220	22u	-20/+50%,	25V,	59.22-Q	
	C....83	59.22.3101	100u	-20/+50%,	10V,	59.22-A	
	C....84	59.06.0104	100n	10%,	63V,	59.06-1	
	D.....1	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....2	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....3	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....4	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....5	50.04.0133	BAV20	DO35,RECTIFIER			
	D.....6	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....7	50.04.0105	1N4004	DO41,RECTIFIER			
	D.....8	50.04.0125	1N4448	DO35,RECTIFIER			
	D.....9	50.04.0125	1N4448	DO35,RECTIFIER			
	D....10	50.04.0125	1N4448	DO35,RECTIFIER			
	D....11	50.04.0125	1N4448	DO35,RECTIFIER			
	D....12	50.04.0125	1N4448	DO35,RECTIFIER			
	D....13	50.04.0125	1N4448	DO35,RECTIFIER			
	D....14	50.04.0125	1N4448	DO35,RECTIFIER			
	D....15	50.04.0125	1N4448	DO35,RECTIFIER			
	D....16	50.04.0133	BAV20	DO35,RECTIFIER			
	D....17	50.04.0125	1N4448	DO35,RECTIFIER			
	D....18	50.04.0133	BAV20	DO35,RECTIFIER			
	D....19	50.04.0125	1N4448	DO35,RECTIFIER			
	D....20	50.04.0125	1N4448	DO35,RECTIFIER			
	D....21	50.04.0125	1N4448	DO35,RECTIFIER			
	D....22	50.04.0125	1N4448	DO35,RECTIFIER			
	D....23	50.04.0125	1N4448	DO35,RECTIFIER			
	D....24	50.04.0125	1N4448	DO35,RECTIFIER			
	D....25	50.04.0125	1N4448	DO35,RECTIFIER			
	D....26	50.04.0125	1N4448	DO35,RECTIFIER			
	D....27	50.04.0125	1N4448	DO35,RECTIFIER			
	D....28	50.04.0125	1N4448	DO35,RECTIFIER			
	D....29	50.04.0125	1N4448	DO35,RECTIFIER			
	D....30	50.04.0125	1N4448	DO35,RECTIFIER			
	D....31	50.04.0125	1N4448	DO35,RECTIFIER			
	D....32	50.04.0125	1N4448	DO35,RECTIFIER			
	D....33	50.04.0125	1N4448	DO35,RECTIFIER			
	D....34	50.04.0125	1N4448	DO35,RECTIFIER			
	D....35	50.04.0125	1N4448	DO35,RECTIFIER			
	D....36	50.04.0125	1N4448	DO35,RECTIFIER			
	D....37	50.04.0125	1N4448	DO35,RECTIFIER			
	D....38	50.04.0125	1N4448	DO35,RECTIFIER			
	D....39	50.04.0125	1N4448	DO35,RECTIFIER			
	D....40	50.04.0125	1N4448	DO35,RECTIFIER			
	D....41	50.04.0125	1N4448	DO35,RECTIFIER			
	D....42	50.04.0125	1N4448	DO35,RECTIFIER			
	D....43	50.04.0125	1N4448	DO35,RECTIFIER			
	DL....1	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DL....2	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DL....3	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DL....4	50.04.2703	MV54123	GRN DIF,	1.0MCD,	LED	
	DV....1	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....2	50.04.1112	5.1V	5%,	0.5W,	DO35,	ZENER
	DV....3	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....4	50.04.1112	5.1V	5%,	0.5W,	DO35,	ZENER
	DV....5	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....6	50.04.1116	22V	5%,	0.5W,	DO35,	ZENER
	DV....7	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....8	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV....9	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV...10	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV...11	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	DV...12	50.04.1102	6.8V	5%,	0.5W,	DO35,	ZENER
	IC....1	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC....2	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC....3	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	IC....4	50.07.0037	AD7528	DIP20, D/A CONV. 8BIT DUAL MP			
	IC....5	50.09.0106	5532AN	DIP08, LINEAR OPAMP DUAL			
	IC....6	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC....7	50.07.0018	HEF4094	DIP16, SHIFT AND STORE BUS REG.			
	IC....8	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	IC....9	50.07.0015	HEF4053B	DIP16, TRIP. 2-CH. ANA. MUX/DEMU			
	IC...10	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC...11	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	IC...12	50.07.0018	HEF4094	DIP16, SHIFT AND STORE BUS REG.			
	IC...13	50.07.0037	AD7528	DIP20, D/A CONV. 8BIT DUAL MP			
	IC...14	50.09.0106	5532AN	DIP08, LINEAR OPAMP DUAL			
	IC...15	50.09.0117	MC33078	DIP08, DUAL LINEAR OPAMP			
	IC...16	50.07.0015	HEF4053B	DIP16, TRIP. 2-CH. ANA. MUX/DEMU			
	IC...17	50.07.0051	4051	DIP16, 8-CHANNEL ANALOG MUX/DEMU			
	J.....1	54.25.0006	6-P	12A,POWER CONN. AMP 826 850-3			
	J.....2	54.01.0241	4-P	RM2.5,CIS-CONN.TOP AMP 163 680-2			
	J.....3	54.25.0004	4-P	16A,POWER CONN. AMP 826 848-3			
	J.....4	54.14.5520	20-P	VERT,MICRO-MATCH AMP 2-215 079-0			

1.751.250.81 AMPLIFIER BOARD 2/4

	J.....5	00.00.0000	not used		
	K.....1	56.04.0161	2*2U	24V,RELAY ZETTLER AZ 820-2C-24DE	
	L.....1	1.745.260.03	1.5uH	10%,OUTPUT COIL, AIR	
	L.....2	1.745.260.03	1.5uH	10%,OUTPUT COIL, AIR	
	MP....1	21.46.0356	14 PCS	SCREW M3 * 10 SYSTEM TAPTITE	
	MP....2	21.48.0354	3 PCS	SCREW M3 * 8 SYSTEM TAPTITE	
	MP....3	37.01.0101	28 PCS	SPRING WASHER D3.2 / 8	
	MP....4	24.16.2030	1 PCS	SERRAT LOCK WASHER M 3	
	MP....5	50.20.0404	6 PCS	INSULATING BUSH	
01	MP....5	00.00.0000	not used		
	MP....6	1.010.098.27	6 PCS	WASHER	ST
	MP....7	1.751.250.02	1 PCE	COOLING PLATE	ST
	MP....8	1.745.260.02	2 PCS	HEAT CONDUCTOR	ST
01	MP....8	00.00.0000	not used		
	MP....9	1.751.250.13	1 PCE	AMPLIFIER PCB	ST
	MP...10	1.010.014.22	2 PCS	RIVET-NUT M3 * 4.5 mm	ST
	MP...11	43.01.0108	1 PCS	ESE WARNING LABEL	ST
	P.....1	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	P.....2	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	P.....3	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	P.....4	54.02.0320	1-P	STR., MALE, 54020320,FLATPIN 2	
	Q.....1	50.03.0517	2SCJ012	NPN, B65-1	
01	Q.....1	50.03.0903	2SC4388	NPN,	SANKEN
	Q.....2	00.00.0000	not used		
	Q.....3	50.03.0517	2SCJ012	NPN, B65-1	
01	Q.....3	50.03.0903	2SC4388	NPN,	SANKEN
	Q.....4	50.03.0776	2SC2238	NPN, TO220-1	
01	Q.....4	50.03.0804	2SC4793	NPN,	To
	Q.....5	50.03.0776	2SC2238	NPN, TO220-1	
01	Q.....5	50.03.0804	2SC4793	NPN,	To
	Q.....6	50.03.0801	2SA968	PNP, TO220-1	
01	Q.....6	50.03.0853	2SA1837	PNP,	To
	Q.....7	50.03.0518	2SA1232	PNP, B65-1	
01	Q.....7	50.03.0953	2SA1673	PNP,	SANKEN
	Q.....8	00.00.0000	not used		
	Q.....9	50.03.0518	2SA1232	PNP, B65-1	
01	Q.....9	50.03.0953	2SA1673	PNP,	SANKEN
	Q....10	50.03.0518	2SA1232	PNP, B65-1	
	Q....11	00.00.0000	not used		
	Q....12	50.03.0518	2SA1232	PNP, B65-1	
01	Q....12	50.03.0953	2SA1673	PNP,	SANKEN
	Q....13	50.03.0801	2SA968	PNP, TO220-1	
01	Q....13	50.03.0853	2SA1837	PNP,	To
	Q....14	50.03.0776	2SC2238	NPN, TO220-1	
01	Q....14	50.03.0804	2SC4793	NPN,	To
	Q....15	50.03.0776	2SC2238	NPN, TO220-1	
01	Q....15	50.03.0804	2SC4793	NPN,	To
	Q....16	50.03.0517	2SC3012	NPN, B65-1	
01	Q....16	50.03.0903	2SC4388	NPN,	SANKEN
	Q....17	00.00.0000	not used		
	Q....18	50.03.0517	2SC3012	NPN, B65-1	
01	Q....18	50.03.0903	2SC4388	NPN,	SANKEN
	Q....19	50.03.0524	BC550	NPN, TO92-1,	
	Q....20	50.03.0524	BC550	NPN, TO92-1,	
	Q....21	50.03.0600	BC560M	PNP, TO92-1,	
	Q....22	50.03.0600	BC560M	PNP, TO92-1,	
	Q....23	50.03.0801	2SA968	PNP, TO220-1	
	Q....24	50.03.0776	2SC2238	NPN, TO220-1	
	Q....25	50.03.0776	2SC2238	NPN, TO220-1	
	Q....26	50.03.0801	2SA968	PNP, TO220-1	
	Q....27	50.03.0600	BC560M	PNP, TO92-1,	
	Q....28	50.03.0600	BC560M	PNP, TO92-1,	
	Q....29	50.03.0524	BC550	NPN, TO92-1,	
	Q....30	50.03.0515	BC307B	PNP, TO92-1	
	Q....31	50.03.0801	2SA968	PNP, TO220-1	
	Q....32	50.03.0776	2SC2238	NPN, TO220-1	
	Q....33	50.03.0801	2SA968	PNP, TO220-1	
	Q....34	50.03.0524	BC550	NPN, TO92-1,	
	Q....35	50.03.0776	2SC2238	NPN, TO220-1	
	Q....36	50.03.0553	BF422	NPN, TO92-4	
	Q....37	50.03.0553	BF422	NPN, TO92-4	
	Q....38	50.03.0627	BF423	PNP, TO92-4	
	Q....39	50.03.0627	BF423	PNP, TO92-4	
	Q....40	50.03.0801	2SA968	PNP, TO220-1	
	Q....41	50.03.0776	2SC2238	NPN, TO220-1	
	Q....42	50.03.0524	BC550	NPN, TO92-1, matched with Q49	
	Q....43	50.03.0600	BC560M	PNP, TO92-1, matched with Q53	
	Q....44	50.03.0600	BC560M	PNP, TO92-1, matched with Q50	
	Q....45	50.03.0551	BC639	NPN, TO92-4	
	Q....46	50.03.0626	BC640	PNP, TO92-4	
	Q....47	50.03.0524	BC550	NPN, TO92-1, matched with Q54	
	Q....48	50.03.0627	BF423	PNP, TO92-4	
	Q....49	50.03.0524	BC550	NPN, TO92-1, matched with Q42	
	Q....50	50.03.0600	BC560M	PNP, TO92-1, matched with Q44	
	Q....51	50.03.0553	BF422	NPN, TO92-4	
	Q....52	50.03.0553	BF422	NPN, TO92-4	
	Q....53	50.03.0600	BC560M	PNP, TO92-1, matched with Q43	
	Q....54	50.03.0524	BC550	NPN, TO92-1, matched with Q47	
	Q....55	50.03.0627	BF423	PNP, TO92-4	
	Q....56	50.03.0627	BF423	PNP, TO92-4	
	Q....57	50.03.0553	BF422	NPN, TO92-4	
	Q....58	50.03.0553	BF422	NPN, TO92-4	
	Q....59	50.03.0627	BF423	PNP, TO92-4	
	Q....60	50.03.0627	BF423	PNP, TO92-4	
	Q....61	50.03.0553	BF422	NPN, TO92-4	
	Q....62	50.03.0215	2SK170	NFET, TO92-7	
	Q....63	50.03.0215	2SK170	NFET, TO92-7	
	Q....64	50.03.0215	2SK170	NFET, TO92-7	
	Q....65	50.03.0215	2SK170	NFET, TO92-7	
	R.....1	57.99.0800	100k	25%, R-NTC PHILIPS 2322 640 63 104	
	R.....2	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....3	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....4	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....5	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R.....6	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R.....7	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R.....8	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R.....9	00.00.0000	not used		
	R....10	00.00.0000	not used		
	R....11	00.00.0000	not used		
	R....12	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....13	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....14	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....15	57.19.0182	1k8	5%, 0.33W, 0207, R-FUSE	
	R....16	57.19.0470	47E	5%, 0.33W, 0207, R-FUSE	
	R....17	57.19.0471	470E	5%, 0.33W, 0207, R-FUSE	
	R....18	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....19	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....20	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....21	00.00.0000	not used		
	R....22	00.00.0000	not used		
	R....23	00.00.0000	not used		
	R....24	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....25	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....26	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....27	57.11.3223	22k	1%, 0.6W, 0207, MF	
	R....28	57.11.3339	3E3	1%, 0.6W, 0207, MF	
	R....29	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....30	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....31	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....32	00.00.0000	not used		
	R....33	00.00.0000	not used		
	R....34	00.00.0000	not used		
	R....35	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....36	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....37	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....38	57.19.0471	470E	5%, 0.33W, 0207, R-FUSE	
	R....39	57.19.0470	47E	5%, 0.33W, 0207, R-FUSE	
	R....40	57.19.0182	1k8	5%, 0.33W, 0207, R-FUSE	
	R....41	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....42	57.19.0151	150E	5%, 0.33W, 0207, R-FUSE	
	R....43	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....44	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....45	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....46	00.00.0000	not used		
	R....47	00.00.0000	not used		
	R....48	00.00.0000	not used		
	R....49	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....50	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....51	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....52	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....53	57.19.0109	1E	5%, 0.33W, 0207, R-FUSE	
	R....54	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....55	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....56	57.19.0102	1k	5%, 0.33W, 0207, R-FUSE	
	R....57	57.19.0102	1k	5%, 0.33W, 0207, R-FUSE	
	R....58	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....59	57.11.3223	22k	1%, 0.6W, 0207, MF	
	R....60	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....61	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....62	57.11.3102	1k	1%, 0.6W, 0207, MF	
	R....63	57.11.3102	1k	1%, 0.6W, 0207, MF	
	R....64	57.19.0101	100E	5%, 0.33W, 0207, R-FUSE	
	R....65	57.11.3153	15k	1%, 0.6W, 0207, MF	
	R....66	57.11.3153	15k	1%, 0.6W, 0207, MF	
	R....67	57.11.3153	15k	1%, 0.6W, 0207, MF	

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R....68	57.11.3153	15k	1%,	0.6W,	0207,	MF
R....69	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R....70	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....71	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....72	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R....73	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....74	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....75	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....76	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....77	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....78	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....79	57.19.0102	1k	5%,	0.33W,	0207,	R-FUSE
R....80	57.19.0102	1k	5%,	0.33W,	0207,	R-FUSE
R....81	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....82	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....83	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....84	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R....85	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....86	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....87	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....88	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R....89	57.11.3223	22k	1%,	0.6W,	0207,	MF
R....90	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R....91	57.11.3102	1k	1%,	0.6W,	0207,	MF
R....92	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....93	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R....94	57.11.3102	1k	1%,	0.6W,	0207,	MF
R....95	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....96	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R....97	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R....98	57.11.3273	27k	1%,	0.6W,	0207,	MF
R....99	57.19.0151	150E	5%,	0.33W,	0207,	R-FUSE
R...100	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...101	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...102	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...103	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...104	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...105	57.11.3431	430E	1%,	0.6W,	0207,	MF
R...106	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...107	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...108	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...109	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...110	57.19.0331	330E	5%,	0.33W,	0207,	R-FUSE
R...111	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...112	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...113	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...114	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...115	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...116	57.11.3220	22E	1%,	0.6W,	0207,	MF
R...117	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...118	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...119	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...120	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...121	57.11.3431	430E	1%,	0.6W,	0207,	MF
R...122	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...123	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...124	57.19.0101	100E	5%,	0.33W,	0207,	R-FUSE
R...125	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...126	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...127	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...128	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...129	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...130	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...131	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...132	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...133	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...134	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...135	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...136	57.11.3223	22k	1%,	0.6W,	0207,	MF
R...137	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...138	57.56.5100	10E	10%,	4W,	57.56-H,	R-WW
R...139	57.56.5100	10E	10%,	4W,	57.56-H,	R-WW
R...140	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...141	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...142	57.11.3181	180E	1%,	0.6W,	0207,	MF
R...143	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...144	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...145	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...146	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...147	57.11.3181	180E	1%,	0.6W,	0207,	MF
R...148	57.11.3242	2k4	1%,	0.6W,	0207,	MF
R...149	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...150	57.11.3432	4k3	1%,	0.6W,	0207,	MF
R...151	57.11.3432	4k3	1%,	0.6W,	0207,	MF
R...152	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...153	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...154	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...155	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...156	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...157	57.11.3271	270E	1%,	0.6W,	0207,	MF
R...158	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...159	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...160	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...161	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...162	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...163	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...164	57.11.3123	12k	1%,	0.6W,	0207,	MF
R...165	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...166	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R...167	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...168	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...169	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...170	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...171	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...172	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...173	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...174	57.11.3123	12k	1%,	0.6W,	0207,	MF
R...175	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...176	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...177	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...178	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...179	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...180	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...181	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...182	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...183	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...184	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...185	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...186	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...187	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...188	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...189	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...190	57.11.3221	220E	1%,	0.6W,	0207,	MF
R...191	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...192	57.11.3221	220E	1%,	0.6W,	0207,	MF
R...193	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...194	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...195	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...196	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...197	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...198	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...199	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...200	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...201	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...202	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...203	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...204	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...205	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...206	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...207	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...208	57.11.3152	1k5	1%,	0.6W,	0207,	MF
R...209	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...210	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...211	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...212	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...213	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...214	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...215	57.11.3471	470E	1%,	0.6W,	0207,	MF
R...216	57.11.3392	3k9	1%,	0.6W,	0207,	MF
R...217	57.11.3622	6k2	1%,	0.6W,	0207,	MF
R...218	57.11.3302	3k	1%,	0.6W,	0207,	MF
R...219	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...220	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...221	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...222	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...223	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...224	57.11.3105	1M	1%,	0.6W,	0207,	MF
R...225	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...226	57.11.3101	100E	1%,	0.6W,	0207,	MF
R...227	57.11.3272	2k7	1%,	0.6W,	0207,	MF
R...228	57.11.3123	12k	1%,	0.6W,	0207,	MF
R...229	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...230	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...231	57.11.3473	47k	1%,	0.6W,	0207,	MF
R...232	57.11.3333	33k	1%,	0.6W,	0207,	MF
R...233	57.11.3821	820E	1%,	0.6W,	0207,	MF

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R...234	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...235	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...236	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...237	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...238	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...239	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...240	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...241	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...242	57.11.3122	1k2	1%,	0.6W,	0207,	MF
R...243	57.11.3821	820E	1%,	0.6W,	0207,	MF
R...244	57.11.3102	1k	1%,	0.6W,	0207,	MF
R...245	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...246	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...247	57.11.3562	5k6	1%,	0.6W,	0207,	MF
R...248	57.11.3221	220E	1%,	0.6W,	0207,	MF
R...249	57.11.3221	220E	1%,	0.6W,	0207,	MF
R...250	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...251	57.11.3123	12k	1%,	0.6W,	0207,	MF
R...252	57.11.3332	3k3	1%,	0.6W,	0207,	MF
R...253	57.11.3152	1k5	1%,	0.6W,	0207,	MF
R...254	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...255	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...256	57.11.3103	10k	1%,	0.6W,	0207,	MF
R...257	57.11.3472	4k7	1%,	0.6W,	0207,	MF
R...802	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...803	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...804	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...805	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...806	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...807	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...808	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
R...809	57.19.0109	1E0	5%,	0.33W,	0207,	R-FUSE
RA....1	58.01.9102	1k	10%,	0.5W,	3/8",	VERT.
RA....2	58.01.9102	1k	10%,	0.5W,	3/8",	VERT.
W.....1	64.01.0106	10 mm	,	WIRE JUMPER		
W.....2	64.01.0106	10 mm	,	WIRE JUMPER		
W.....3	64.01.0106	10 mm	,	WIRE JUMPER		

sid93/02/0800
sid93/04/2201

MF= Metal Film Si= Silicon El= Electrolytic
Cer= Ceramic PETP= Polyester SAL= Solid Aluminum
PP= Polypropylen

MANUFACTURER: ST= STUDER

MATCHED PAIRS: DIFFERENCE OF VBE < 5mV

END

1.751.260.00 SPEAKER TERMINAL

Ad	..Pos..	...Ref.No...	Description					
	C.....1	59.32.1471	470p	,	10%,	400V,	59.32-1	
	C.....2	59.32.1471	470p	,	10%,	400V,	59.32-1	
	C.....3	59.32.1471	470p	,	10%,	400V,	59.32-1	
	C.....4	59.32.1471	470p	,	10%,	400V,	59.32-1	
	C.....5	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C.....6	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C.....7	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C.....8	59.06.0103	10n	,	10%,	63V,	59.06-1	
	D.....1	50.04.0125	1N4448	,	DO35,RECTIFIER			
	D.....2	50.04.0125	1N4448	,	DO35,RECTIFIER			
	K.....1	56.04.0132	4*A	,	POL.,RELAY 24V	SDS S4-24V		
	K.....2	56.04.0132	4*A	,	POL.,RELAY 24V	SDS S4-24V		
	MP....1	1.751.220.08	1 PCE		CONN. CABLE SPEAKER TERMINAL			ST
	MP....2	1.751.260.01	1 PCE		CONN. CABLE SPEAKER CONTROL			ST
	MP....3	1.751.260.11	1 PCE		SPEAKER TERMINAL PCB			ST
	R.....1	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
	R.....2	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
	W....10	64.01.0106	15.24mm	,	0.60MM,WIRE BRIDGE			

sid92/02/0300

MF= Metal Film

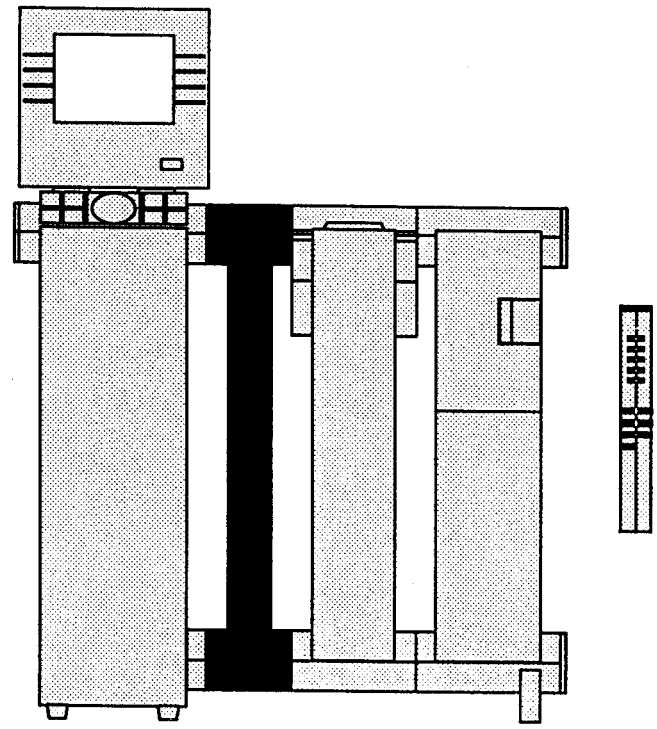
MANUFACTURER: ST= STUDER REVOX

END

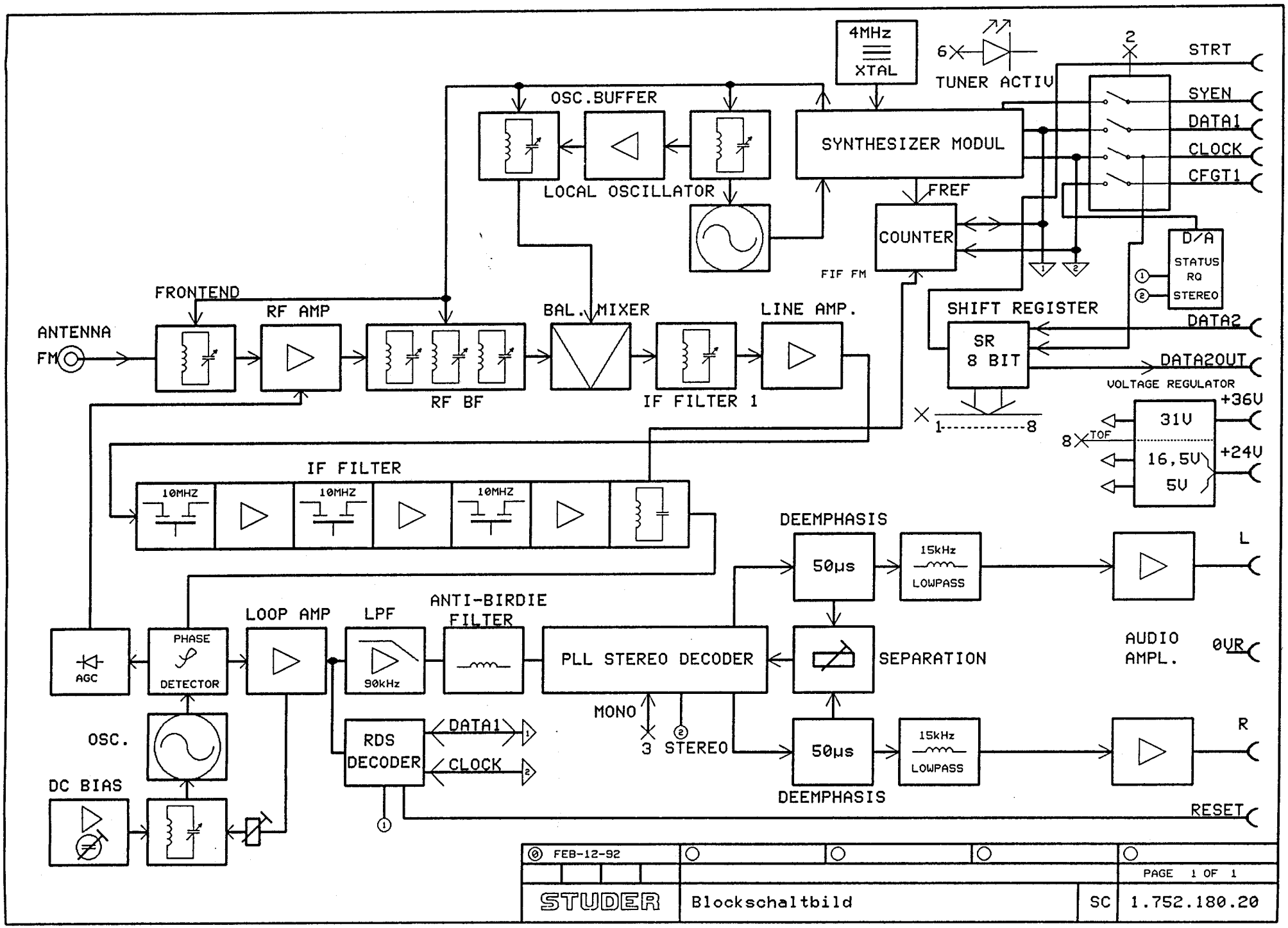
Schemata FM-Tuner

Schematic diagrams FM-Tuner

Schémas du Tuner FM



Block diagram	1.752.180.20
FM-Tuner unit	1.752.180.20
FM-Tuner unit	1.752.180.21
Interconnection unit top	1.752.230.00
Interconnection unit bottom	1.752.240.00


4MHz
XTAL
6
TUNER ACTIV
2
STRT
SYEN
DATA1
CLOCK
CFGT1
OSC.BUFFER
SYNTHESIZER MODUL
LOCAL OSCILLATOR
FREF
COUNTER
FIF FM
D/A
STATUS
RQ
STEREO
FRONTEND
RF AMP
BAL. MIXER
LINE AMP.
SHIFT REGISTER
ANTENNA
FM
RF BF
IF FILTER 1
SR
8 BIT
DATA2
DATA2OUT
VOLTAGE REGULATOR
1----------8
8
TOF
31V
+36V
16,5V
+24V
5V
IF FILTER
10MHZ
10MHZ
10MHZ
DEEMPHASIS
50µs
15kHz
LOWPASS
L
AGC
PHASE
DETECTOR
LOOP AMP
LPF
90kHz
ANTI-BIRDIE
FILTER
PLL STEREO DECODER
SEPARATION
AUDIO
AMPL.
0VR
OSC.
DC BIAS
RDS
DECODER
DATA1
CLOCK
MONO
3
STEREO
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RESET
FEB-12-92
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STUDER
Blockschaltbild
SC
1.752.180.20

1.752.180.20 FM-TUNER UNIT I/4

Ad	..Pos..	...Ref.No...	Description				
	C...100	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...101	59.34.3189	1p8	2%	63V	CER	P 100
	C...102	59.34.3189	1p8	2%	63V	CER	P 100
	C...103	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...104	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...105	59.34.1120	12p	5%	63V	CER	NP 0
	C...106	59.32.4102	1n	20%	50V	CER	
	C...107	59.32.4471	470p	20%	50V	CER	
	C...108	59.32.4102	1n	20%	50V	CER	
	C...109	59.32.3103	10n	20%	40V	CER	
	C...110	59.32.3103	10n	20%	40V	CER	
	C...111	59.32.4471	470p	20%	50V	CER	
	C...112	59.32.3103	10n	20%	40V	CER	
	C...113	59.32.4102	1n	20%	50V	CER	
	C...115	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...116	59.34.1689	6p8	5%	63V	CER	NP 0
	C...117	59.32.4102	1n	20%	50V	CER	
	C...118	59.22.6220	22u	-20/+50%	35V	EL	
	C...119	59.32.3103	10n	20%	40V	CER	
	C...130	59.32.3103	10n	20%	40V	CER	
	C...200	59.32.4471	470p	20%	50V	CER	
	C...201	59.32.3103	10n	20%	40V	CER	
	C...202	59.32.3103	10n	20%	40V	CER	
	C...203	59.32.3103	10n	20%	40V	CER	
	C...204	59.34.2470	47p	5%	63V	CER	N 150
	C...205	59.34.1150	15p	5%	63V	CER	NP 0
	C...206	59.32.3103	10n	20%	40V	CER	
	C...207	59.32.3103	10n	20%	40V	CER	
	C...208	59.34.2470	47p	5%	63V	CER	N 150
	C...209	59.32.3103	10n	20%	40V	CER	
	C...211	59.32.3103	10n	20%	40V	CER	
	C...212	59.32.3103	10n	20%	40V	CER	
	C...213	59.32.3103	10n	20%	40V	CER	
	C...230	59.32.3103	10n	20%	40V	CER	
	C...232	59.34.1100	10p	5%	63V	CER	N P0
	C...300	59.32.3103	10n	20%	40V	CER	
	C...301	59.32.3103	10n	20%	40V	CER	
	C...302	59.32.3103	10n	20%	40V	CER	
	C...303	59.32.3103	10n	20%	40V	CER	
	C...304	59.32.3103	10n	20%	40V	CER	
	C...305	59.32.3103	10n	20%	40V	CER	
	C...306	59.32.3103	10n	20%	40V	CER	
	C...307	59.34.2181	180p	5%	63V	CER	N 150
	C...308	59.32.3103	10n	20%	40V	CER	
	C...309	59.32.3103	10n	20%	40V	CER	
	C...310	59.32.3103	10n	20%	40V	CER	
	C...321	59.32.3103	10n	20%	40V	CER	
	C...340	59.32.3103	10n	20%	40V	CER	
	C...341	59.32.3103	10n	20%	40V	CER	
	C...342	59.32.3103	10n	20%	40V	CER	
	C...400	59.32.3103	10n	20%	40V	CER	
	C...401	59.32.3103	10n	20%	40V	CER	
	C...402	59.32.3103	10n	20%	40V	CER	
	C...403	59.22.5101	100u	-20/+50%	25V	EL	
	C...404	59.32.3103	10n	20%	40V	CER	
	C...405	59.34.4101	100p	5%	63V	CER	N 750
	C...406	59.32.3103	10n	20%	40V	CER	
	C...407	59.32.3103	10n	20%	40V	CER	
	C...408	59.32.3103	10n	20%	40V	CER	
	C...409	59.06.0334	330n	10%	63V	PETP	
	C...410	59.22.6220	22u	-20/+50%	35V	EL	
	C...411	59.32.3103	10n	20%	40V	CER	
	C...412	59.34.2330	33p	5%	63V	CER	N 150
	C...413	59.06.0473	47n	10%	63V	PETP	
	C...414	59.34.2330	33p	5%	63V	CER	N 150
	C...415	59.22.6100	10u	-20/+50%	35V	EL	
	C...416	59.22.8479	4u7	-20/+50%	50V	EL	
	C...440	59.32.3103	10n	20%	40V	CER	
	C...441	59.22.6220	22u	-20/+50%	35V	EL	
	C...500	59.34.4221	220p	5%	63V	CER	N 750
	C...501	59.06.0224	220n	10%	63V	PETP	
	C...502	59.06.0224	220n	10%	63V	PETP	
	C...503	59.22.6220	22u	-20/+50%	35V	EL	
	C...504	59.22.8479	4u7	-20/+50%	50V	EL	
	C...505	59.22.8479	4u7	-20/+50%	50V	EL	
	C...506	59.22.6220	22u	-20/+50%	35V	EL	
	C...507	59.32.2122	1n2	10%	50V	CER	
	C...508	59.22.5220	22u	-20/+50%	25V	EL	
	C...509	59.34.2101	100p	5%	63V	CER	N 150
	C...510	59.05.2331	330p	2.5%	630V	PP	
	C...511	59.06.0334	330n	10%	63V	PETP	
	C...512	59.06.0333	33n	10%	63V	PETP	
	C...513	59.06.0104	100n	10%	63V	PETP	
	C...514	59.22.5101	100u	-20/+50%	25V	EL	
	C...515	59.22.8229	2u2	-20/+50%	50V	EL	
	C...516	59.05.1332	3n3	1%	160V	PP	
	C...517	59.34.4271	270p	5%	63V	CER	N 750
	C...519	59.34.4271	270p	5%	63V	CER	N 750
	C...520	59.05.1332	3n3	1%	160V	PP	
	C...521	59.22.6220	22u	-20/+50%	35V	EL	
02	C...540	59.34.4220	22p	5%	63V		NP 0
	C...600	59.06.0103	10n	10%	40V	PETP	
	C...602	59.22.8109	1u	-20/+50%	50V	EL	
	C...605	59.22.8109	1u	-20/+50%	50V	EL	
	C...606	59.22.8109	1u	-20/+50%	50V	EL	
	C...607	59.06.0103	10n	10%	40V	PETP	
	C...608	59.22.8109	1u	-20/+50%	50V	EL	
	C...611	59.22.8109	1u	-20/+50%	50V	EL	
	C...612	59.22.8109	1u	-20/+50%	50V	EL	
	C...613	59.22.8109	1u	-20/+50%	50V	EL	
	C...650	59.06.0104	100n	10%	63V	PETP	
	C...651	59.06.0104	100n	10%	63V	PETP	
	C...700	59.32.3103	10n	20%	40V	CER	
	C...701	59.32.4102	1n	20%	50V	CER	
	C...702	59.06.0472	4n7	10%	63V	PETP	
	C...703	59.34.1100	10p	5%	63V	CER	NP 0
	C...704	59.34.2270	27p	5%	63V	CER	N 150
	C...705	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...706	59.32.3103	10n	20%	40V	CER	
	C...707	59.32.4102	1n	20%	50V	CER	
	C...708	59.32.4102	1n	20%	50V	CER	
	C...709	59.06.0683	68n	10%	63V	PETP	
	C...710	59.34.3399	3p9	2%	63V	CER	P 100
	C...712	59.06.0222	2n2	10%	63V	PETP	
	C...713	59.34.4680	68p	5%	63V	CER	N 750
	C...714	59.06.0104	100n	10%	63V	PETP	
	C...715	59.34.1689	6p8	5%	63V	CER	NP 0
	C...716	59.32.3103	10n	20%	40V	CER	
	C...717	59.32.3103	10n	20%	40V	CER	
02	C...717	59.06.0103	10n	10%	63V		
	C...718	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...719	59.32.4471	470p	20%	50V	CER	
	C...720	59.32.3103	10n	20%	40V	CER	
	C...721	59.32.3103	10n	20%	40V	CER	
	C...722	59.06.0474	470n	10%	63V	PETP	
	C...723	59.22.3470	47u	-20/+50%	10V	EL	
	C...724	59.32.4471	470p	20%	50V	CER	
	C...725	59.22.3101	100u	-20/+50%	10V	EL	
	C...726	59.32.4102	1n	20%	50V	CER	
	C...727	59.22.5101	100u	-20/+50%	25V	EL	
	C...728	59.34.2220	22p	5%	63V	CER	N 150
	C...740	59.32.3103	10n	20%	40V	CER	
	C...741	59.22.6220	22u	-20/+50%	35V	CER	
	C...743	59.32.4102	1n	20%	50V	CER	
	C...750	59.34.4101	100p	5%	63V	CER	N 750
02	C...755	59.06.0224	220n	10%	63V		
	C...801	59.06.0104	100n	10%	63V	PETP	
	C...804	59.06.0473	47n	10%	63V	PETP	
	C...805	59.06.0104	100n	10%	63V	PETP	
	C...806	59.32.3103	10n	20%	40V	CER	
	C...807	59.06.0223	22n	10%	63V	PETP	
	C...808	59.06.0473	47n	10%	63V	PETP	
	C...809	59.22.8109	1u	-20/+50%	50V	EL	
	C...810	59.32.3103	10n	20%	40V	CER	
	C...811	59.06.0223	22n	10%	63V	PETP	
	C...841	59.34.2220	22p	5%	63V	CER	N 150
	C...900	59.06.0104	100n	10%	63V	PETP	
	C...901	59.06.0104	100n	10%	63V	PETP	
	C...902	59.22.6100	10u	-20/+50%	35V	EL	
	C...903	59.34.2470	47p	5%	63V	CER	N 150
	C...904	59.22.3470	47u	-20/+50%	10V	EL	
	C...906	59.22.6220	22u	-20/+50%	35V	EL	
	C...907	59.22.6100	10u	-20/+50%	35V	EL	
	C...910	59.32.3103	10n	20%	40V	CER	
	C...911	59.06.0103	10n	10%	50V	PETP	
	C...915	59.22.4101	100u	20%	10V	EL	
	C..1100	59.34.4820	82p	5%	63V	CER	N 750
	C..1101	59.32.4102	1n	20%	50V	CER	
	C..1102	59.34.1100	10p	5%	63V	CER	NP 0
	C..1103	59.22.3470	47u	-20/+50%	10V	EL	
	C..1104	59.06.0104	100n	10%	63V	PETP	
	C..1105	59.34.4101	100p	5%	63V	CER	N 750
	C..1106	59.32.4102	1n	20%	50V	CER	
	C..1107	59.06.0104	100n	10%	63V	PETP	

1.752.180.20 FM-TUNER UNIT 2/4

	C..1108	59.22.3470	47u	-20/+50%	10V	EL		
	C..1109	59.34.2470	47p	5%	63V	CER	N 150	
	C..1110	59.32.3103	10n	20%	40V	CER		
	C..1130	59.34.0479	4p7	5%	63V	CER	P 100	
	D...100	50.04.0126	BB 20	4 RED	D-CAPACITY			Sie
	D...101	50.04.0126	BB 20	4 RED	D-CAPACITY			Sie
	D...102	50.04.0126	BB 20	4 RED	D-CAPACITY			Sie
	D...103	50.04.0126	BB 20	4 RED	D-CAPACITY			Sie
	D...400	50.99.0168	BB130	SOD69	D-CAPACITY			Ph
	D...401	50.04.0125	1N4448	DO35	RECTIFIER			A
	D...402	50.99.0168	BB130	SOD69	D-CAPACITY			Ph
	D...500	50.04.0125	1N4448	DO35	RECTIFIER			A
	D...700	50.04.0126	BB 20	4 RED	D-CAPACITY			Sie
	D...701	50.04.0126	BB 20	4 RED	D-CAPACITY			Sie
	D...904	50.04.0105	1N4004	DO41	RECTIFIER			A
	D...905	50.04.0105	1N4004	DO41	RECTIFIER			A
	DL...90	50.04.2852	MU02-4	201	QUAD-LED yellow			Sty
	DV..403	50.04.1112	5.1V	5%	0.5W	DO35	ZENER	
	DV..600	50.04.1112	5.1V	5%	0.5W	DO35	ZENER	
	DV..601	50.04.1102	6.8V	5%	0.5W	DO35	ZENER	
	DV..602	50.04.1112	5.1V	5%	0.5W	DO35	ZENER	
	DV..603	50.04.1112	5.1V	5%	0.5W	DO35	ZENER	
	DV..604	50.04.1112	5.1V	5%	0.5W	DO35	ZENER	
	DV..800	50.04.1108	5.6V	5%	0.5W	DO35	ZENER	
	DV..906	50.04.1135	3.6V	5%	0.5W	DO35	ZENER	
	DV..907	50.04.1135	3.6V	5%	0.5W	DO35	ZENER	
	IC....1	50.09.0122	TLC272	DIP08	PRECISION DUAL OPAMP			TI,STM
	IC....2	50.09.0122	TLC272	DIP08	PRECISION DUAL OPAMP			TI,STM
	IC....3	50.09.0122	TLC272	DIP08	PRECISION DUAL OPAMP			TI,STM
	IC....4	50.11.0129	TDA1576	DIP18	FM-ZF VERSTAERKER			Ph
	IC....5	50.13.0113	TDA1578A	-S3	DIP18 PLL STEREO DECODER			Ph
	IC....7	50.10.0108	LM317L	TO92	VOLTAGE REG. +			A
	IC....8	50.13.0105	SAA1057		SYNTHESIZER MODUL			Ph
	IC....9	50.11.0300	TEA6100	DIP20	FM/ZF AMPLIFIER			Ph
	IC...10	50.10.0104	LM317SP	TO220	VOLTAGE REG. +			A
	IC...11	50.07.0018	HEF4094	DIP16	SHIFT AND STORE BUS REG.			A
	IC...12	50.10.0104	LM317SP	TO220	VOLTAGE REG. +			A
	IC...14	50.61.0501	SAA7579T	SO16	RDS-DEMODULATOR			Ph
	IC...15	1.752.190.20	80C652P	AB030	DIP40 SINGLE CHIP MPU (RDS)			Ph
	IC...16	50.62.9069	HEF4069UBT	SO14	HEX INVERTER			Ph
	IC...17	50.07.0066	4066	DIP14	QUAD ANALOG SWITCH			A
02	IC...17	50.17.4066	HC4066	DIP14	QUAD ANALOG SWITCH			A
	L...100	1.726.250.31	4.5/1.25		RF-COIL ADJ			Com
	L...101	1.746.240.06	4.5/0.75		RF-COIL ADJ			Com
	L...102	1.746.240.06	4.5/0.75		RF-COIL ADJ			Com
	L...103	1.746.240.06	4.5/0.75		RF-COIL ADJ			Com
	L...300	89.01.4402	10.7MHZ	CERAMIC FILTER SFE10.7MX2K-A				Mur
	L...301	89.01.4402	10.7MHZ	CERAMIC FILTER SFE10.7MX2K-A				Mur
	L...302	89.01.4402	10.7MHZ	CERAMIC FILTER SFE10.7MX2K-A				Mur
	L...500	1.746.240.03	90KHZ-LPF	ABW-07				Com
	L...610	1.752.250.22	19KHZ-LPF	ABW-07				Com
	L...611	1.752.250.22	19KHZ-LPF	ABW-07				Com
	L...700	1.752.250.23	3.5/1.75		OSCI. COIL			Com
	L...701	1.728.260.06	3.5/0.75		OSCI. COIL			Com
	L...901	62.01.0115	2.5WD	WIDEBAND-CHOKE				Ph
	L..1100	62.02.3220	22u	10% 1E4 {OHM} HF-CHOKE				
	L..1101	1.752.250.24	RDS-BPF					Com
	MP....1	1.752.180.05	2 pcs	RF SHIELD 1				St
	MP....2	1.752.180.06		RF SHIELD 2				St
	MP....3	1.752.180.04		HEATSINK				St
	MP....4	1.752.180.03		THERMOFOIL				St
	MP....5	20.25.0203	2 pcs	ANTENNA SCREW				
	MP....6	50.20.2003	2 pcs	CLAMP				
	MP....7	21.99.0108	2 pcs	SCREW to HEATSINK				
	P...100	54.23.0001	ANTENNA	ANG.	MALE	KOAX		Hi
	PCB...1	1.752.180.11		Empty PCB				
01	PCB...1	1.752.180.12		Empty PCB				
	Q...100	1.010.043.50	BF961	X-PLAST	Sel.			Sie
	Q...101	1.010.043.50	BF961	X-PLAST	Sel.			Sie
	Q...200	1.010.043.50	BF961	X-PLAST	Sel.			Sie
	Q...201	1.010.043.50	BF961	X-PLAST	Sel.			Sie
	Q...202	1.010.052.50	BF963	X-PLAST				Sie
	Q...300	50.03.0576	BF959	NPN	TO92-10			Sie
	Q...301	50.03.0576	BF959	NPN	TO92-10			Sie
	Q...302	50.03.0576	BF959	NPN	TO92-10			Sie
	Q...303	50.03.0576	BF959	NPN	TO92-10			Sie
	Q...304	1.010.043.50	BF961	X-PLAST	Sel.			Sie
	Q...400	50.03.0436	BC237B	NPN	TO92-1			A
	Q...401	50.03.0436	BC237B	NPN	TO92-1			A
	Q...402	50.03.0628	BF450	PNP	TO92-10			Ph
	Q...403	50.03.0628	BF450	PNP	TO92-10			Ph
	Q...404	50.03.0436	BC237B	NPN	TO92-1			A
	Q...600	50.03.0515	BC307B	PNP	TO92-1			A
	Q...700	50.03.0577	BF496	NPN	TO92-1			Ph
	Q...701	1.010.043.50	BF961	X-PLAST	Sel.			Sie
	Q...900	50.03.0515	BC307B	PNP	TO92-1			A
	Q...901	50.03.0451	BD139-10	NPN	TO126-1			A
	Q...904	50.03.0515	BC307B	PNP	TO92-1			A
	Q...905	50.03.0515	BC307B	PNP	TO92-1			A
	Q...906	50.03.0515	BC307B	PNP	TO92-1			A
	Q...907	50.03.0801	2SA968	PNP	TO220-1			A
	Q...908	50.03.0436	BC237B	NPN	TO92-1			A
	Q...909	50.03.0436	BC237B	NPN	TO92-1			A
	Q..1100	50.03.0436	BC237B	NPN	TO92-1			A
	R...100	57.11.3104	100k	1%	0.6W	0207	MF	
	R...101	57.11.3221	220E	1%	0.6W	0207	MF	
	R...102	57.11.3154	150k	1%	0.6W	0207	MF	
	R...103	57.11.3470	47E	1%	0.6W	0207	MF	
	R...104	57.11.3103	10k	1%	0.6W	0207	MF	
	R...105	57.11.3472	4k7	1%	0.6W	0207	MF	
	R...106	57.11.3153	15k	1%	0.6W	0207	MF	
	R...107	57.11.3473	47k	1%	0.6W	0207	MF	
	R...108	57.11.3564	560k	1%	0.6W	0207	MF	
	R...109	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE	
	R...110	57.11.3470	47E	1%	0.6W	0207	MF	
	R...111	57.11.3202	2k	1%	0.6W	0207	MF	
	R...112	57.11.3564	560k	1%	0.6W	0207	MF	
	R...113	57.11.3104	100k	1%	0.6W	0207	MF	
	R...114	57.11.3104	100k	1%	0.6W	0207	MF	
	R...115	57.11.3104	100k	1%	0.6W	0207	MF	
	R...116	57.11.3474	470k	1%	0.6W	0207	MF	
	R...117	57.11.3104	100k	1%	0.6W	0207	MF	
	R...118	57.11.3202	2k	1%	0.6W	0207	MF	
	R...119	57.11.3103	10k	1%	0.6W	0207	MF	
	R...120	57.11.3472	4k7	1%	0.6W	0207	MF	
	R...121	57.11.3470	47E	1%	0.6W	0207	MF	
	R...122	57.11.3470	47E	1%	0.6W	0207	MF	
	R...123	57.11.3221	220E	1%	0.6W	0207	MF	
	R...131	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE	
	R...200	57.11.3103	10k	1%	0.6W	0207	MF	
	R...201	57.11.3104	100k	1%	0.6W	0207	MF	
	R...202	57.11.3221	220E	1%	0.6W	0207	MF	
	R...203	57.11.3470	47E	1%	0.6W	0207	MF	
	R...205	57.11.3471	470E	1%	0.6W	0207	MF	
	R...206	57.11.3114	110k	1%	0.6W	0207	MF	
	R...207	57.11.3331	330E	1%	0.6W	0207	MF	
	R...208	57.11.3224	220k	1%	0.6W	0207	MF	
	R...209	57.11.3470	47E	1%	0.6W	0207	MF	
	R...211	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE	
	R...212	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE	
	R...213	57.11.3221	220E	1%	0.6W	0207	MF	
	R...214	57.11.3224	220k	1%	0.6W	0207	MF	
	R...215	57.11.3221	220E	1%	0.6W	0207	MF	
	R...216	57.11.3473	47k	1%	0.6W	0207	MF	
	R...217	57.11.3104	100k	1%	0.6W	0207	MF	
	R...218	57.11.3754	750k	1%	0.6W	0207	MF	
	R...219	57.11.3470	47E	1%	0.6W	0207	MF	
	R...220	57.11.3433	43k	1%	0.6W	0207	MF	
	R...221	57.11.3470	47E	1%	0.6W	0207	MF	
	R...230	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE	
	R...231	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE	
	R...232	57.11.3470	47E	1%	0.6W	0207	MF	
	R...233	57.11.3470	47E	1%	0.6W	0207	MF	
	R...300	57.11.3102	1k	1%	0.6W	0207	MF	
	R...301	57.11.3102	1k	1%	0.6W	0207	MF	
	R...302	57.11.3391	390E	1%	0.6W	0207	MF	
	R...303	57.11.3102	1k	1%	0.6W	0207	MF	
	R...304	57.11.3330	33E	1%	0.6W	0207	MF	
	R...305	57.11.3102	1k	1%	0.6W	0207	MF	
	R...306	57.11.3272	2k7	1%	0.6W	0207	MF	
	R...307	57.11.3114	110k	1%	0.6W	0207	MF	
	R...308	57.11.3302	3k	1%	0.6W	0207	MF	
	R...309	57.11.3101	100E	1%	0.6W	0207	MF	
	R...310	57.11.3331	330E	1%	0.6W	0207	MF	
	R...311	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE	
	R...312	57.11.3331	330E	1%	0.6W	0207	MF	
	R...313	57.11.3221	220E	1%	0.6W	0207	MF	
	R...314	57.11.3224	220k	1%	0.6W	0207	MF	
	R...315	57.11.3331	330E	1%	0.6W	0207	MF	
	R...316	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE	
	R...317	57.11.3272	2k7	1%	0.6W	0207	MF	
	R...319	57.11.3470	47E	1%	0.6W	0207	MF	
	R...320	57.11.3101	100E	1%	0.6W	0207	MF	
	R...321	57.11.3513	51k	1%	0.6W	0207	MF	
	R...322	57.11.3104	100k	1%	0.6W	0207	MF	
	R...323	57.11.3470	47E	1%	0.6W	0207	MF	

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R...324	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...325	57.11.3221	220E	1%	0.6W	0207	MF
R...326	57.11.3331	330E	1%	0.6W	0207	MF
R...327	57.11.3302	3k	1%	0.6W	0207	MF
R...328	57.11.3101	100E	1%	0.6W	0207	MF
R...329	57.11.3221	220E	1%	0.6W	0207	MF
R...330	57.11.3330	33E	1%	0.6W	0207	MF
R...331	57.11.3391	390E	1%	0.6W	0207	MF
R...340	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...341	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...342	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...400	57.11.3562	5k6	1%	0.6W	0207	MF
R...401	57.11.3472	4k7	1%	0.6W	0207	MF
R...402	57.11.3471	470E	1%	0.6W	0207	MF
R...403	57.11.3223	22k	1%	0.6W	0207	MF
R...404	57.11.3471	470E	1%	0.6W	0207	MF
R...405	57.11.3183	18k	1%	0.6W	0207	MF
R...406	57.11.3221	220E	1%	0.6W	0207	MF
R...407	57.11.3224	220k	1%	0.6W	0207	MF
R...408	57.11.3682	6k8	1%	0.6W	0207	MF
R...410	57.11.3474	470k	1%	0.6W	0207	MF
R...411	57.11.3472	4k7	1%	0.6W	0207	MF
R...413	57.11.3222	2k2	1%	0.6W	0207	MF
R...414	57.11.3391	390E	1%	0.6W	0207	MF
R...415	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...416	57.11.3203	20k	1%	0.6W	0207	MF
R...417	57.11.3182	1k8	1%	0.6W	0207	MF
R...418	57.11.3221	220E	1%	0.6W	0207	MF
R...419	57.11.3152	1k5	1%	0.6W	0207	MF
R...420	57.11.3222	2k2	1%	0.6W	0207	MF
R...422	57.11.3221	220E	1%	0.6W	0207	MF
R...423	57.11.3471	470E	1%	0.6W	0207	MF
R...424	57.11.3223	22k	1%	0.6W	0207	MF
R...425	57.11.3562	5k6	1%	0.6W	0207	MF
R...426	57.11.3472	4k7	1%	0.6W	0207	MF
R...427	57.11.3103	10k	1%	0.6W	0207	MF
R...428	57.11.3102	1k	1%	0.6W	0207	MF
R...429	57.11.3222	2k2	1%	0.6W	0207	MF
R...430	57.11.3222	2k2	1%	0.6W	0207	MF
R...432	57.11.3472	4k7	1%	0.6W	0207	MF
R...433	57.11.3182	1k8	1%	0.6W	0207	MF
R...440	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...441	57.11.3472	4k7	1%	0.6W	0207	MF
R...442	57.11.3101	100E	1%	0.6W	0207	MF
R...443	57.11.3101	100E	1%	0.6W	0207	MF
R...444	57.11.3183	18k	1%	0.6W	0207	MF
R...445	57.11.3223	22k	1%	0.6W	0207	MF
R...500	57.11.3223	22k	1%	0.6W	0207	MF
R...501	57.11.3154	150k	1%	0.6W	0207	MF
R...502	57.11.3683	68k	1%	0.6W	0207	MF
R...503	57.11.3103	10k	1%	0.6W	0207	MF
R...504	57.11.3393	39k	1%	0.6W	0207	MF
R...505	57.11.3103	10k	1%	0.6W	0207	MF
R...506	57.11.3103	10k	1%	0.6W	0207	MF
R...507	57.11.3103	10k	1%	0.6W	0207	MF
R...508	57.11.3103	10k	1%	0.6W	0207	MF
R...509	57.11.3512	5k1	1%	0.6W	0207	MF
R...510	57.11.3472	4k7	1%	0.6W	0207	MF
R...511	57.11.3223	22k	1%	0.6W	0207	MF
R...512	57.11.3473	47k	1%	0.6W	0207	MF
R...513	57.11.3243	24k	1%	0.6W	0207	MF
R...514	57.11.3223	22k	1%	0.6W	0207	MF
R...515	57.11.3184	180k	1%	0.6W	0207	MF
R...516	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...518	57.11.3333	33k	1%	0.6W	0207	MF
R...519	57.11.3102	1k	1%	0.6W	0207	MF
R...521	57.11.3472	4k7	1%	0.6W	0207	MF
R...522	57.11.3103	10k	1%	0.6W	0207	MF
R...524	57.11.3333	33k	1%	0.6W	0207	MF
R...525	57.11.3473	47k	1%	0.6W	0207	MF
R...526	57.11.3473	47k	1%	0.6W	0207	MF
R...527	57.11.3222	2k2	1%	0.6W	0207	MF
R...528	57.11.3243	24k	1%	0.6W	0207	MF
R...600	57.11.3103	10k	1%	0.6W	0207	MF
R...601	57.11.3512	5k1	1%	0.6W	0207	MF
R...605	57.11.3103	10k	1%	0.6W	0207	MF
R...606	57.11.3101	100E	1%	0.6W	0207	MF
R...607	57.11.3104	100k	1%	0.6W	0207	MF
R...608	57.11.3222	2k2	1%	0.6W	0207	MF
R...609	57.11.3101	100E	1%	0.6W	0207	MF
R...610	57.11.3101	100E	1%	0.6W	0207	MF
R...611	57.11.3222	2k2	1%	0.6W	0207	MF
R...613	57.11.3472	4k7	1%	0.6W	0207	MF
R...614	57.11.3472	4k7	1%	0.6W	0207	MF
R...615	57.11.3222	2k2	1%	0.6W	0207	MF
R...616	57.11.3623	62k	1%	0.6W	0207	MF
R...617	57.11.3103	10k	1%	0.6W	0207	MF
R...618	57.11.3303	30k	1%	0.6W	0207	MF
R...619	57.11.3103	10k	1%	0.6W	0207	MF
R...620	57.11.3101	100E	1%	0.6W	0207	MF
R...622	57.11.3512	5k1	1%	0.6W	0207	MF
R...624	57.11.3303	30k	1%	0.6W	0207	MF
R...625	57.11.3104	100k	1%	0.6W	0207	MF
R...626	57.11.3103	10k	1%	0.6W	0207	MF
R...627	57.11.3103	10k	1%	0.6W	0207	MF
R...629	57.11.3224	220k	1%	0.6W	0207	MF
R...630	57.11.3623	62k	1%	0.6W	0207	MF
R...640	57.11.3224	220k	1%	0.6W	0207	MF
R...700	57.11.3473	47k	1%	0.6W	0207	MF
R...701	57.11.3103	10k	1%	0.6W	0207	MF
R...702	57.11.3272	2k7	1%	0.6W	0207	MF
R...703	57.11.3471	470E	1%	0.6W	0207	MF
R...704	57.11.3103	10k	1%	0.6W	0207	MF
R...705	57.11.3472	4k7	1%	0.6W	0207	MF
R...706	57.11.3470	47E	1%	0.6W	0207	MF
R...707	57.11.3473	47k	1%	0.6W	0207	MF
R...708	57.11.3472	4k7	1%	0.6W	0207	MF
R...709	57.11.3472	4k7	1%	0.6W	0207	MF
R...710	57.11.3113	11k	1%	0.6W	0207	MF
R...711	57.11.3473	47k	1%	0.6W	0207	MF
R...712	57.11.3470	47E	1%	0.6W	0207	MF
R...713	57.11.3224	220k	1%	0.6W	0207	MF
R...714	57.11.3154	150k	1%	0.6W	0207	MF
R...715	57.19.0479	4E7/!\	5%	0.33W	0207	R-FUSE
R...716	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...717	57.11.3222	2k2	1%	0.6W	0207	MF
R...718	57.11.3150	15E	1%	0.6W	0207	MF
R...719	57.11.3221	220E	1%	0.6W	0207	MF
R...720	57.11.3114	110k	1%	0.6W	0207	MF
R...721	57.11.3103	10k	1%	0.6W	0207	MF
R...722	57.11.3103	10k	1%	0.6W	0207	MF
R...723	57.11.3104	100k	1%	0.6W	0207	MF
R...724	57.11.3511	510E	1%	0.6W	0207	MF
R...725	57.11.3153	15k	1%	0.6W	0207	MF
R...727	57.11.3103	10k	1%	0.6W	0207	MF
R...728	57.11.3104	100k	1%	0.6W	0207	MF
R...729	57.11.3103	10k	1%	0.6W	0207	MF
R...730	57.11.3181	180E	1%	0.6W	0207	MF
R...731	57.11.3470	47E	1%	0.6W	0207	MF
R...732	57.11.3103	10k	1%	0.6W	0207	MF
R...740	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...741	57.11.3102	1k	1%	0.6W	0207	MF
R...750	57.11.3223	22k	1%	0.6W	0207	MF
R...803	57.19.0680	68E/!\	5%	0.33W	0207	R-FUSE
R...804	57.19.0680	68E/!\	5%	0.33W	0207	R-FUSE
02 R...806	57.11.3102	1k	1%	0.6W	0207	MF
R...807	57.11.3472	4k7	1%	0.6W	0207	MF
R...808	57.11.3472	4k7	1%	0.6W	0207	MF
R...810	57.11.3751	750E	1%	0.6W	0207	MF
R...811	57.11.3151	150E	1%	0.6W	0207	MF
R...812	57.11.3331	330E	1%	0.6W	0207	MF
R...900	57.11.3681	680E	1%	0.6W	0207	MF
R...901	57.11.3103	10k	1%	0.6W	0207	MF
R...902	57.11.3103	10k	1%	0.6W	0207	MF
R...904	57.11.3222	2k2	1%	0.6W	0207	MF
R...905	57.11.3181	180E	1%	0.6W	0207	MF
R...906	57.11.3821	820E	1%	0.6W	0207	MF
R...911	57.11.3223	22k	1%	0.6W	0207	MF
R...912	57.11.3472	4k7	1%	0.6W	0207	MF
R...913	57.11.3103	10k	1%	0.6W	0207	MF
R...914	57.11.3103	10k	1%	0.6W	0207	MF
R...915	57.11.3222	2k2	1%	0.6W	0207	MF
R...916	57.11.3223	22k	1%	0.6W	0207	MF
R...917	57.92.7013	0E5		0.5A	60V	R-PTC
R...919	57.11.3472	4k7	1%	0.6W	0207	MF
R...920	57.11.3103	10k	1%	0.6W	0207	MF
R...921	57.11.3472	4k7	1%	0.6W	0207	MF
R...922	57.11.3103	10k	1%	0.6W	0207	MF
R...924	57.11.3201	200E	1%	0.6W	0207	MF
R...925	57.11.3621	620E	1%	0.6W	0207	MF
R...926	57.11.3271	270E	1%	0.6W	0207	MF
R...927	57.11.3471	470E	1%	0.6W	0207	MF
R...929	57.11.3103	10k	1%	0.6W	0207	MF
R...930	57.11.3103	10k	1%	0.6W	0207	MF
R...931	57.11.3103	10k	1%	0.6W	0207	MF
R...932	57.11.3471	470E	1%	0.6W	0207	MF

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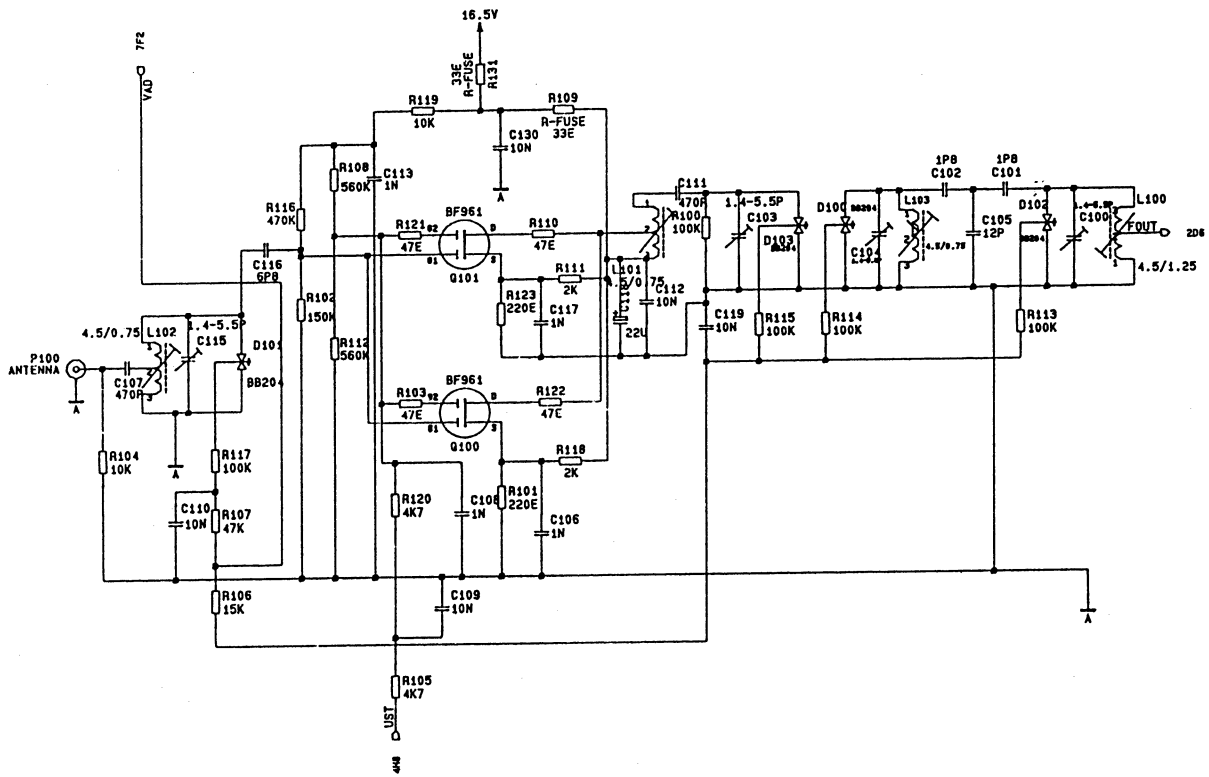
	R...934	57.11.3471	470E	1%	0.6W	0207	MF	
01	R...934	57.11.3472	4k7	1%	0.6W	0207	MF	
	R...940	57.11.3271	270E	1%	0.6W	0207	MF	
	R...944	57.11.3102	1k	1%	0.6W	0207	MF	
	R...945	57.11.3103	10k	1%	0.6W	0207	MF	
	R...960	57.11.3103	10k	1%	0.6W	0207	MF	
	R...961	57.11.3151	150E	1%	0.6W	0207	MF	
	R...962	57.11.3472	4k7	1%	0.6W	0207	MF	
	R...963	57.11.3472	4k7	1%	0.6W	0207	MF	
	R...964	57.11.3151	150E	1%	0.6W	0207	MF	
	R...965	57.11.3102	1k	1%	0.6W	0207	MF	
	R...966	57.11.3102	1k	1%	0.6W	0207	MF	
	R...967	57.11.3471	470E	1%	0.6W	0207	MF	
	R..1100	57.11.3184	180k	1%	0.6W	0207	MF	
	R..1101	57.10.1224	220k	1%	0.4W	0204	MF	
	R..1102	57.11.3102	1k	1%	0.6W	0207	MF	
	R..1103	57.11.3112	1k1	1%	0.6W	0207	MF	
	R..1104	57.11.3222	2k2	1%	0.6W	0207	MF	
	R..1105	57.10.1103	10k	1%	0.4W	0204	MF	
	R..1106	57.11.3224	220k	1%	0.6W	0207	MF	
	R..1107	57.11.3103	10k	1%	0.6W	0207	MF	
	R..1108	57.10.1224	220k	1%	0.4W	0204	MF	
	R..1109	57.10.1224	220k	1%	0.4W	0204	MF	
	R..1110	57.11.3470	47E	1%	0.6W	0207	MF	
	R..1111	57.11.3472	4k7	1%	0.6W	0207	MF	
	R..1112	57.11.3102	1k	1%	0.6W	0207	MF	
	R..1113	57.11.3124	120k	1%	0.6W	0207	MF	
	R..1114	57.10.1103	10k	1%	0.4W	0204	MF	
	R..1115	57.11.3222	2k2	1%	0.6W	0207	MF	
	R..1116	57.10.1103	10k	1%	0.4W	0204	MF	
	R..1117	57.10.1224	220k	1%	0.4W	0204	MF	
	R..1118	57.11.3151	150E	1%	0.6W	0207	MF	
	R..1119	57.11.3151	150E	1%	0.6W	0207	MF	
	RA..409	58.02.5103	10k	20%	0.1W		CF	
	RA..412	58.02.5223	22k	20%	0.1W		CF	
	RA..431	58.02.5222	2k2	20%	0.1W		CF	
	RA..517	58.02.5223	22k	20%	0.1W		CF	
	RA..520	58.02.5103	10k	20%	0.1W		CF	
	RA..801	58.02.5103	10k	20%	0.1W		CF	
	T...200	1.728.260.07	S	YM. TRAFO				GI
	T...201	1.752.250.21	I	F Mixer Coil				GI
	T...300	1.726.250.27	I	F COIL 2				GI,Com
	T...400	1.726.250.29	I	F-OSC.COIL				GI
	W.....1	1.752.196.00		Wire List Flatcable 8 Pin				St
	W.....2	1.752.198.00		Wire List Flatcable 12 Pin				St
	W.....3	1.752.180.93		Wire List Ikon				St
	XIC..15	53.03.0172	DIL40 SO	CKET FOR IC 15				
	Y...700	89.01.0550	4.000MHZ	HC18/43/49/U				A
	Y..1100	89.01.1006	4.332MHZ	HC18/43/49/U				A

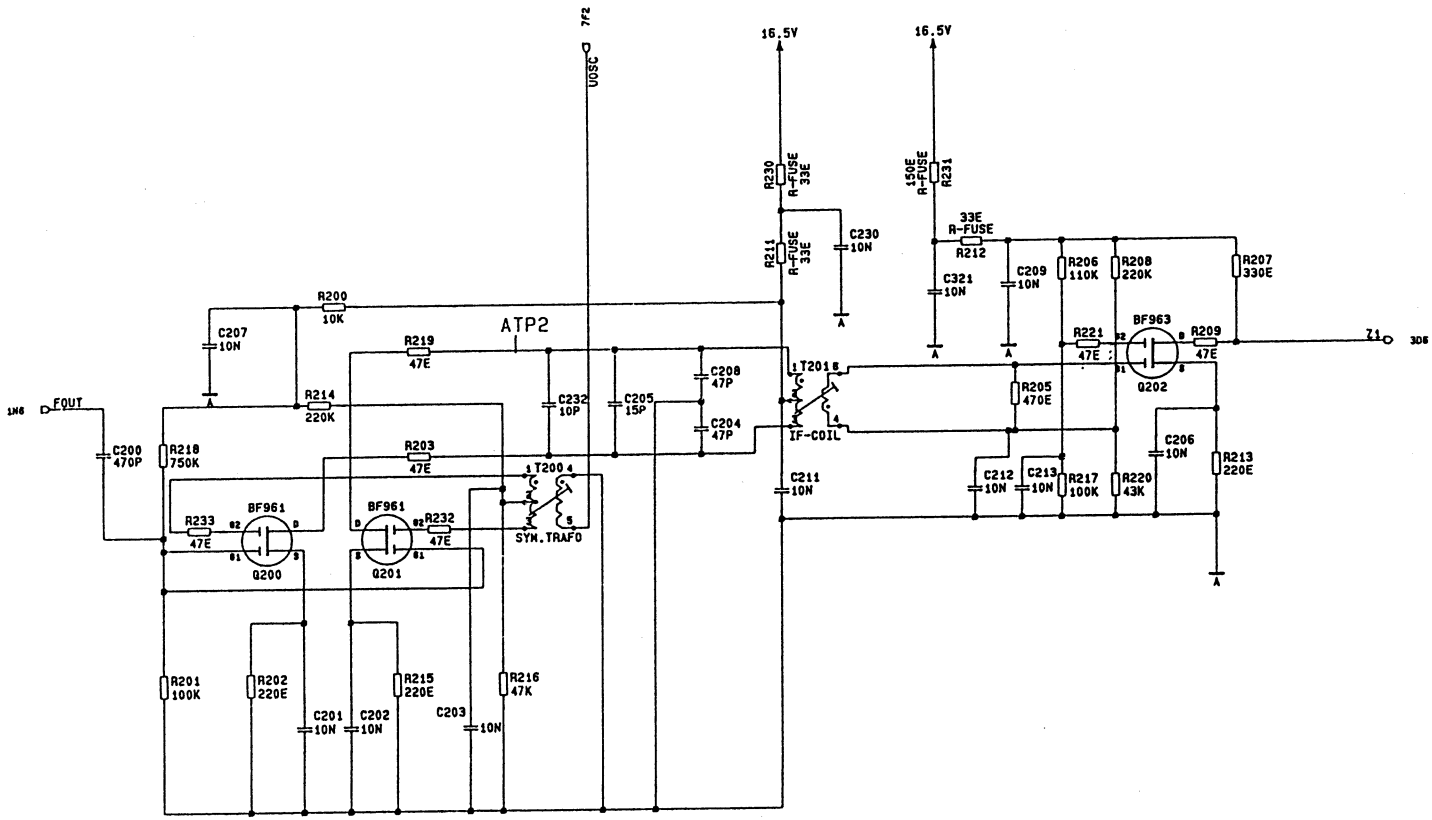
(01) 20.04.92 PCB INDEX from -11 to -12 R934 4k7
(02) 10.06.92 Change of dif. parts

STW92/01/2700
STW92/04/2001
STW92/06/1002

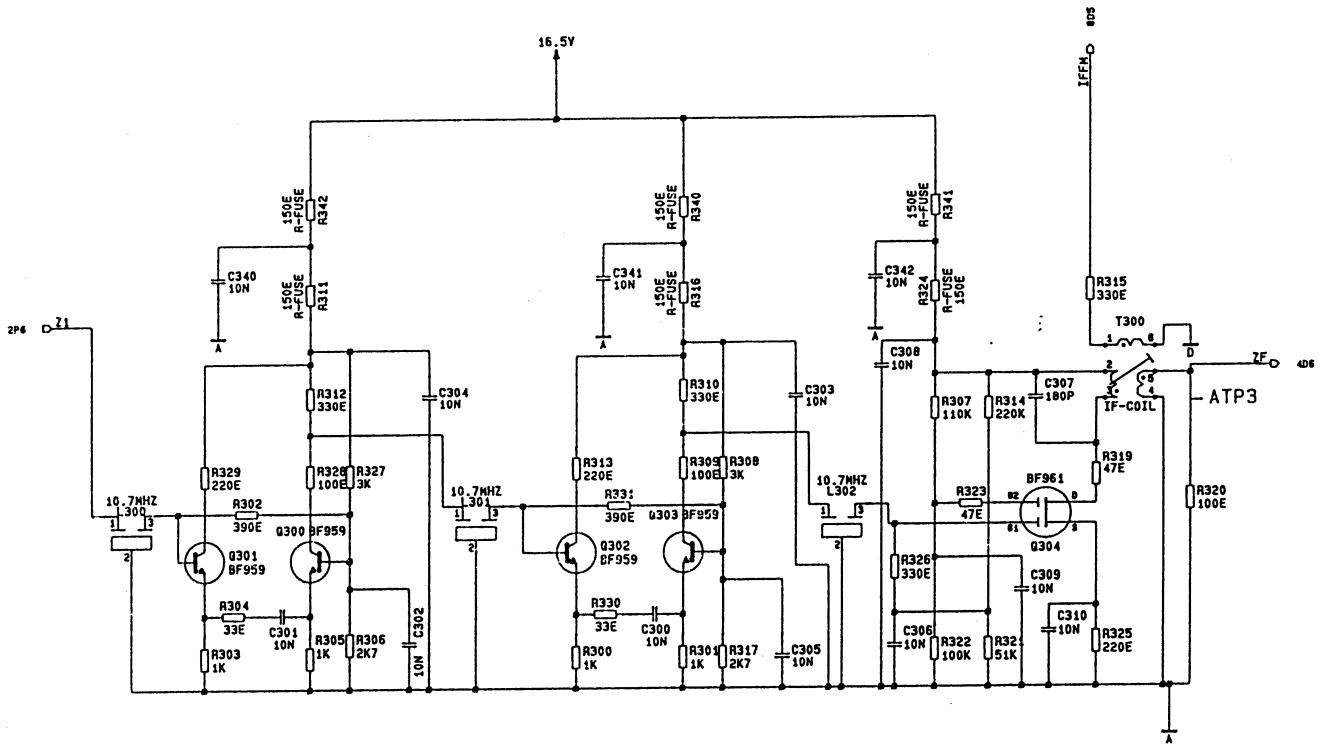
MF=Metalfilm
CF=Carbonfilm
Cer=Ceramic
PETP=Polyester
PP=Polypropylen
Tri=Trimmer
El=Electrolytic
MANUFACTURER: A=any, GI=Dam/General Instruments Malta, Sie=Siemens,
Ph=Philips, St=Studer, STM=SGS-Thomson, TI=Texas Instr.,
Com=Componex/Toko, Mur=Murata/Erie, Sty=Stanley,
Hi= Hirschmann,
END



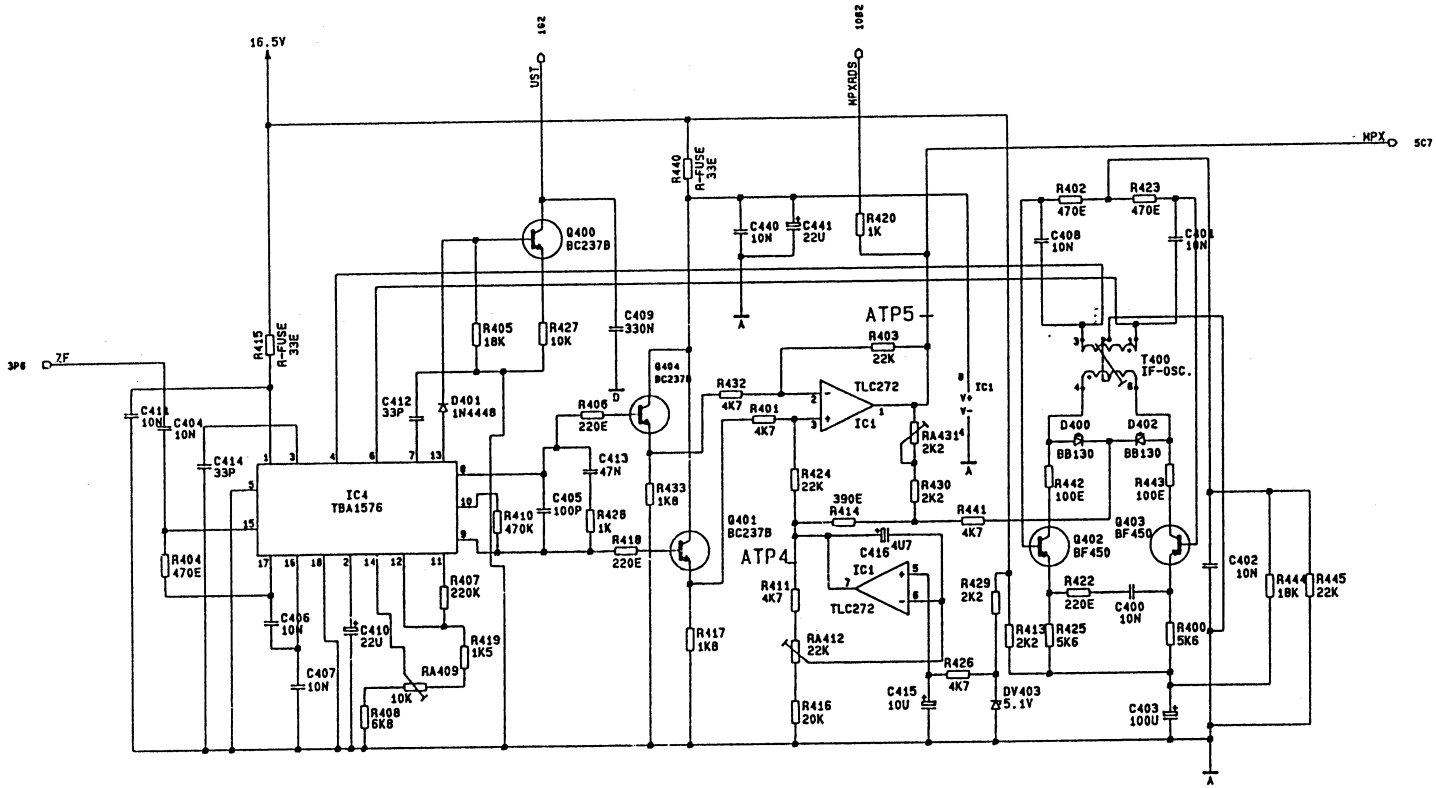
0 11.11.91 STW	1 24.02.93			
	TUNER DESIGN SERIES			PAGE 1 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



0 11.11.91 STW	1 24.02.93			
	TUNER DESIGN SERIES			PAGE 2 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



0 11.11.91 STW	1 24.02.93			
	TUNER DESIGN SERIES			PAGE 3 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



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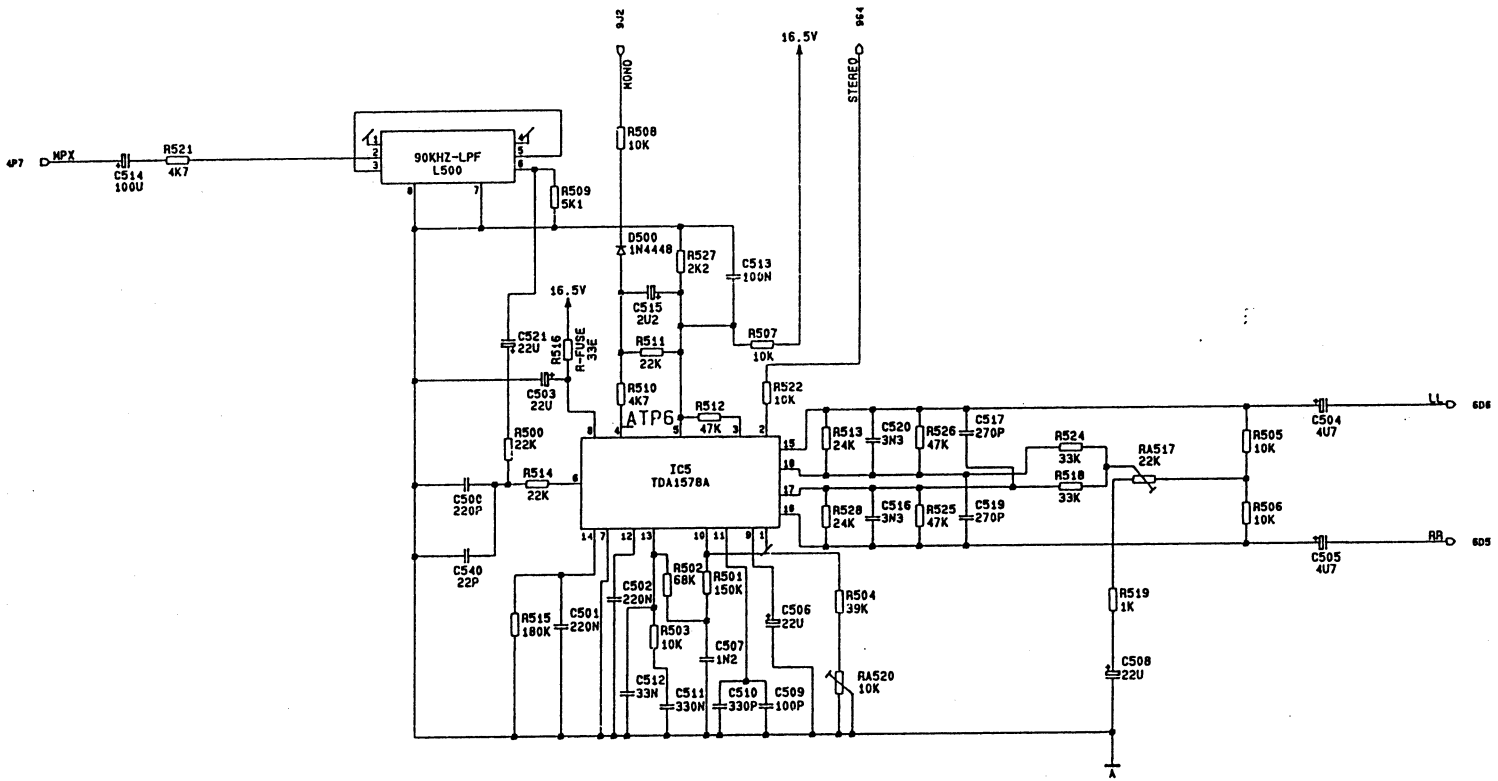
	TUNER DESIGN SERIES			PAGE 4 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



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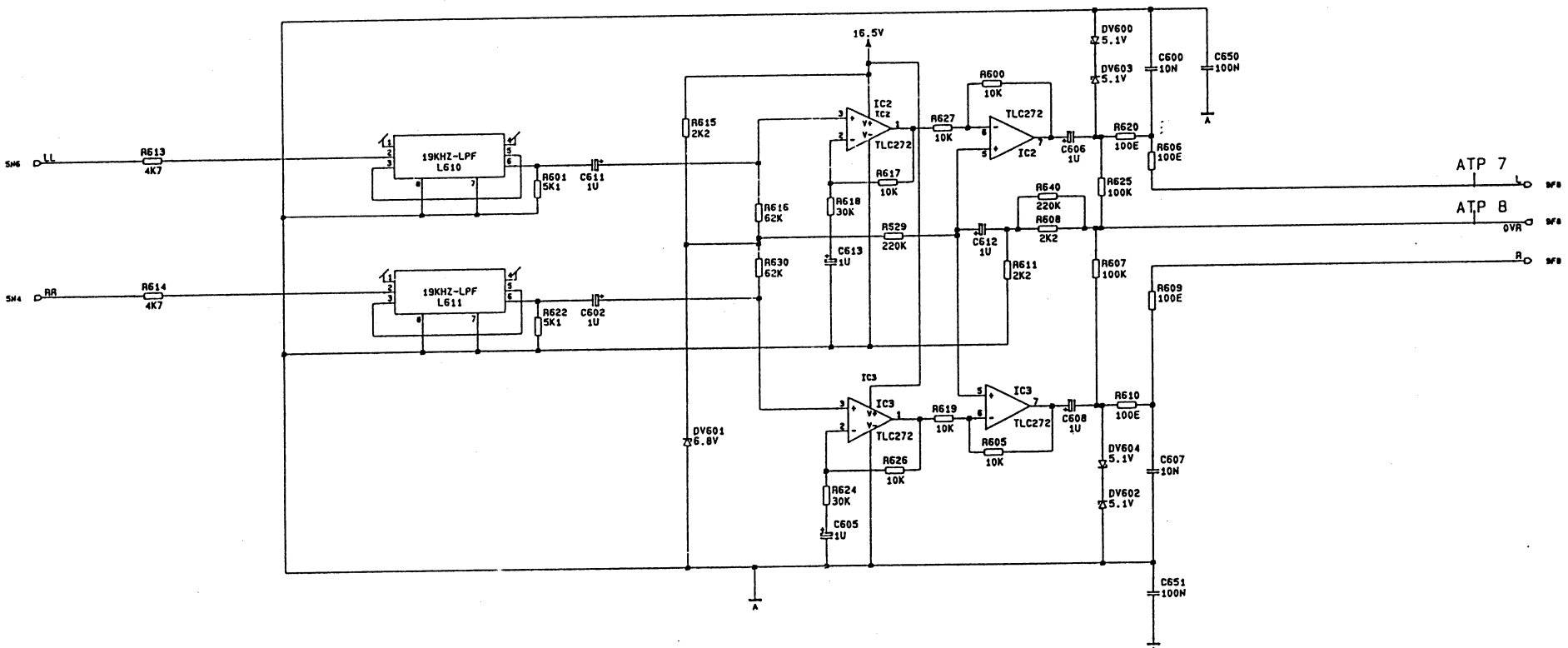
	TUNER DESIGN SERIES			PAGE 5 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



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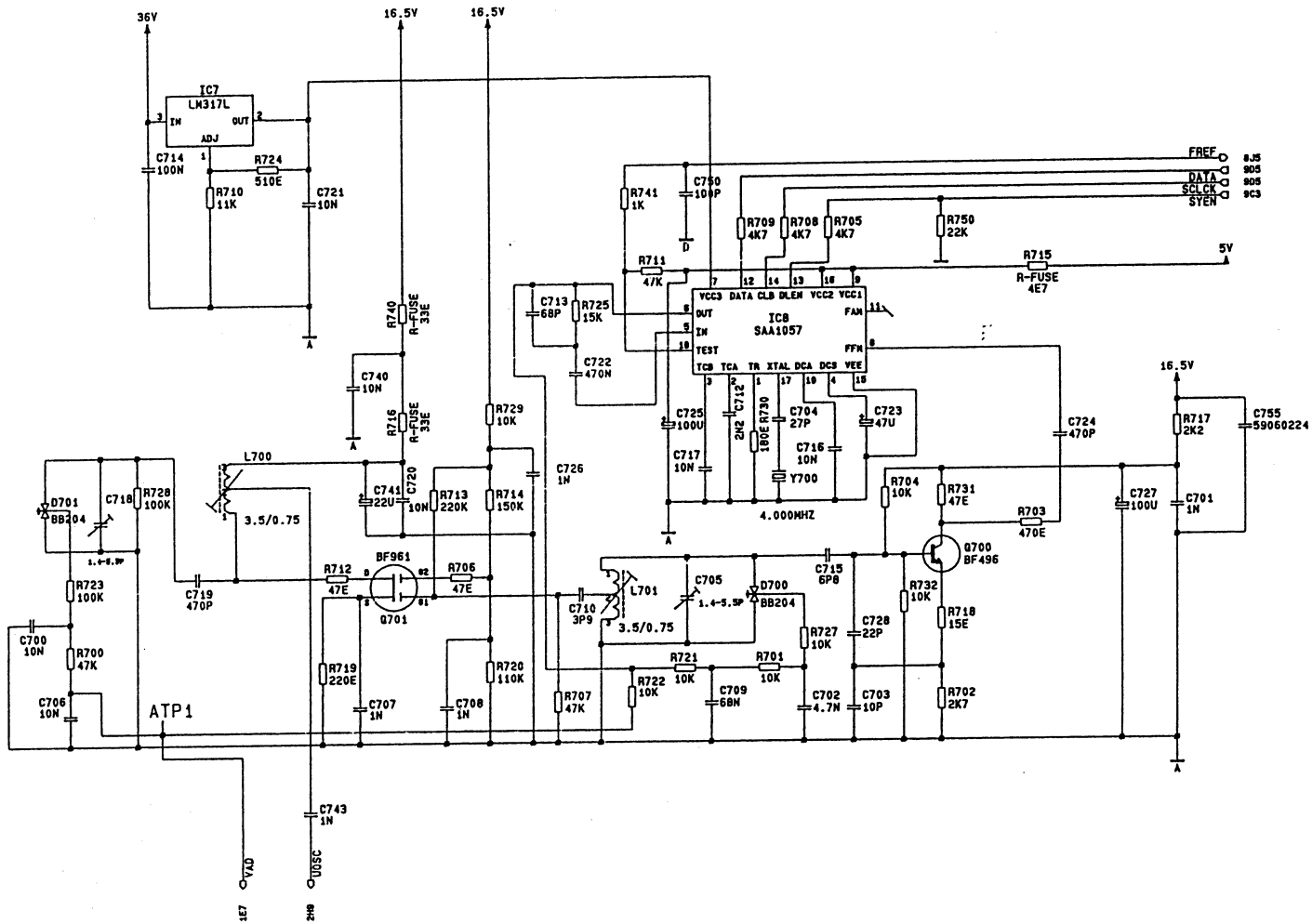
	TUNER DESIGN SERIES			PAGE 6 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



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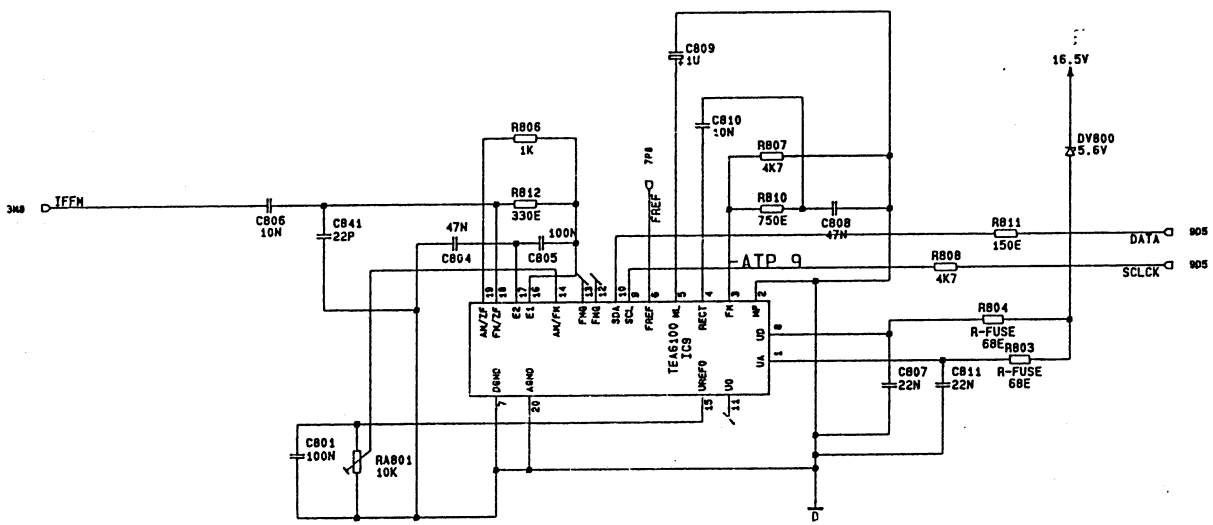
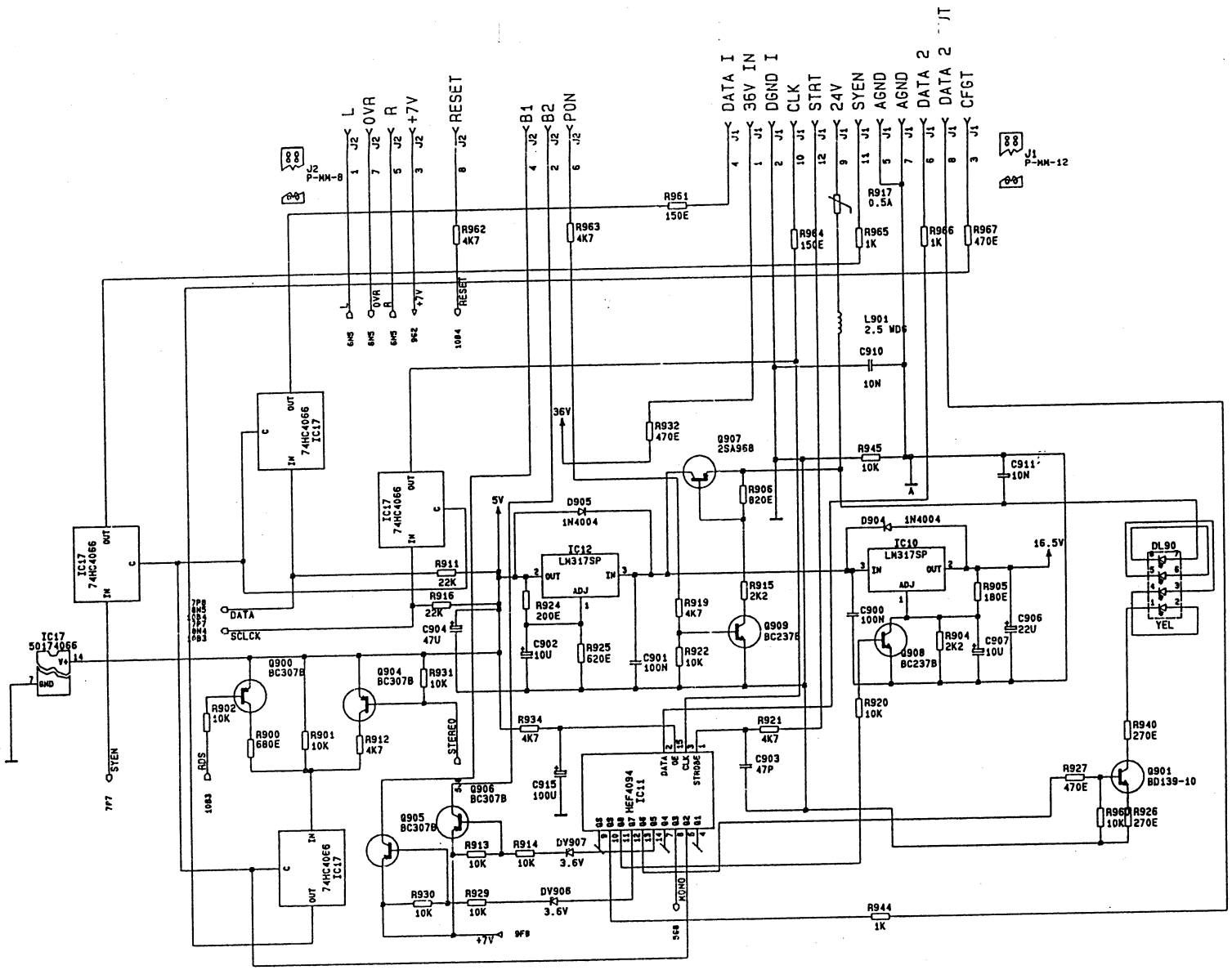
	TUNER DESIGN SERIES			PAGE 7 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



0 11.11.91 STW	1 24.02.93			
	TUNER DESIGN SERIES			PAGE 8 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



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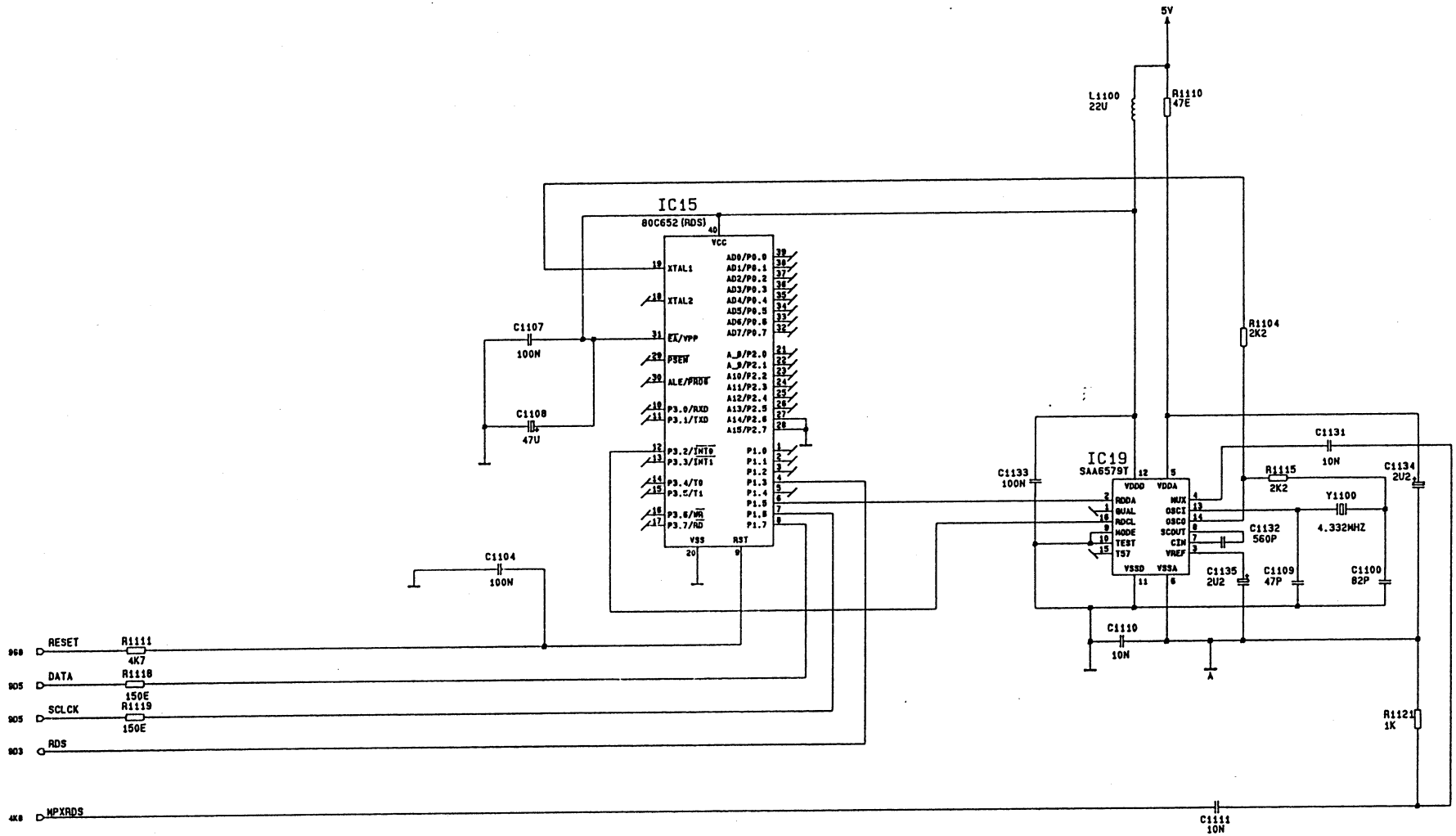
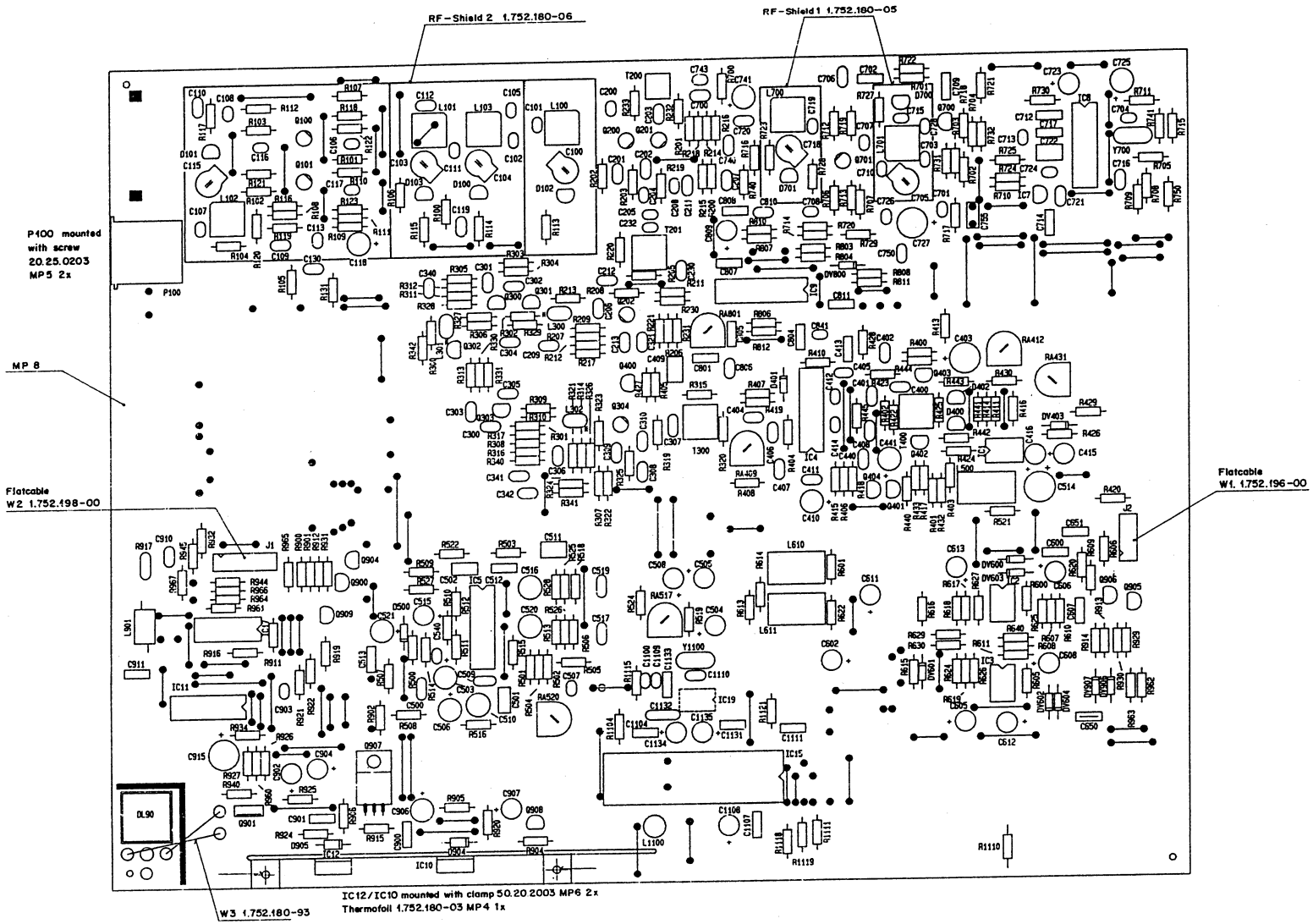
	TUNER DESIGN SERIES		PAGE 9 OF 10
REVOX	TUNER BOARD	SC	1.752.180-21



0 11.11.91 STW	1 24.02.93			
	TUNER DESIGN SERIES			PAGE 10 OF 10
REVOX	TUNER BOARD		SC	1.752.180-21



Nr. Etikette/ESE-Warnschild nach Fabrikationsmuster aufgeklebt.

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.:		Änderung: (3) (2) (1)
Zugehörige Unterlagen: PL	Freimasstoleranz: ±	Maßstab:	Ausgabe: 14.4.93 (0)
Ersatz für:	Ersetzt durch:		Kopie für:
STUDER REGENSDORF	FM TUNER UNIT EU		Nummer: 1.752.480 – 21

1.752.180.21 FM-TUNER UNIT 1/4

Ad	..Pos..	...Ref.No...	Description				
	C...100	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...101	59.34.3189	1p8	2%	63V	CER	P 100
	C...102	59.34.3189	1p8	2%	63V	CER	P 100
	C...103	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...104	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...105	59.34.1120	12p	5%	63V	CER	NP 0
	C...106	59.32.4102	1n	20%	50V	CER	
	C...107	59.32.4471	470p	20%	50V	CER	
	C...108	59.32.4102	1n	20%	50V	CER	
	C...109	59.32.3103	10n	20%	40V	CER	
	C...110	59.32.3103	10n	20%	40V	CER	
	C...111	59.32.4471	470p	20%	50V	CER	
	C...112	59.32.3103	10n	20%	40V	CER	
	C...113	59.32.4102	1n	20%	50V	CER	
	C...115	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...116	59.34.1689	6p8	5%	63V	CER	NP 0
	C...117	59.32.4102	1n	20%	50V	CER	
	C...118	59.22.6220	22u	-20/+50%	35V	EL	
	C...119	59.32.3103	10n	20%	40V	CER	
	C...130	59.32.3103	10n	20%	40V	CER	
	C...200	59.32.4471	470p	20%	50V	CER	
	C...201	59.32.3103	10n	20%	40V	CER	
	C...202	59.32.3103	10n	20%	40V	CER	
	C...203	59.32.3103	10n	20%	40V	CER	
	C...204	59.34.2470	47p	5%	63V	CER	N 150
	C...205	59.34.1150	15p	5%	63V	CER	NP 0
	C...206	59.32.3103	10n	20%	40V	CER	
	C...207	59.32.3103	10n	20%	40V	CER	
	C...208	59.34.2470	47p	5%	63V	CER	N 150
	C...209	59.32.3103	10n	20%	40V	CER	
	C...211	59.32.3103	10n	20%	40V	CER	
	C...212	59.32.3103	10n	20%	40V	CER	
	C...213	59.32.3103	10n	20%	40V	CER	
	C...230	59.32.3103	10n	20%	40V	CER	
	C...232	59.34.1100	10p	5%	63V	CER	N P0
	C...300	59.32.3103	10n	20%	40V	CER	
	C...301	59.32.3103	10n	20%	40V	CER	
	C...302	59.32.3103	10n	20%	40V	CER	
	C...303	59.32.3103	10n	20%	40V	CER	
	C...304	59.32.3103	10n	20%	40V	CER	
	C...305	59.32.3103	10n	20%	40V	CER	
	C...306	59.32.3103	10n	20%	40V	CER	
	C...307	59.34.2181	180p	5%	63V	CER	N 150
	C...308	59.32.3103	10n	20%	40V	CER	
	C...309	59.32.3103	10n	20%	40V	CER	
	C...310	59.32.3103	10n	20%	40V	CER	
	C...321	59.32.3103	10n	20%	40V	CER	
	C...340	59.32.3103	10n	20%	40V	CER	
	C...341	59.32.3103	10n	20%	40V	CER	
	C...342	59.32.3103	10n	20%	40V	CER	
	C...400	59.32.3103	10n	20%	40V	CER	
	C...401	59.32.3103	10n	20%	40V	CER	
	C...402	59.32.3103	10n	20%	40V	CER	
	C...403	59.22.5101	100u	-20/+50%	25V	EL	
	C...404	59.32.3103	10n	20%	40V	CER	
	C...405	59.34.4101	100p	5%	63V	CER	N 750
	C...406	59.32.3103	10n	20%	40V	CER	
	C...407	59.32.3103	10n	20%	40V	CER	
	C...408	59.32.3103	10n	20%	40V	CER	
	C...409	59.06.0334	330n	10%	63V	PETP	
	C...410	59.22.6220	22u	-20/+50%	35V	EL	
	C...411	59.32.3103	10n	20%	40V	CER	
	C...412	59.34.2330	33p	5%	63V	CER	N 150
	C...413	59.06.0473	47n	10%	63V	PETP	
	C...414	59.34.2330	33p	5%	63V	CER	N 150
	C...415	59.22.6100	10u	-20/+50%	35V	EL	
	C...416	59.22.8479	4u7	-20/+50%	50V	EL	
	C...440	59.32.3103	10n	20%	40V	CER	
	C...441	59.22.6220	22u	-20/+50%	35V	EL	
	C...500	59.34.4221	220p	5%	63V	CER	N 750
	C...501	59.06.0224	220n	10%	63V	PETP	
	C...502	59.06.0224	220n	10%	63V	PETP	
	C...503	59.22.6220	22u	-20/+50%	35V	EL	
	C...504	59.22.8479	4u7	-20/+50%	50V	EL	
	C...505	59.22.8479	4u7	-20/+50%	50V	EL	
	C...506	59.22.6220	22u	-20/+50%	35V	EL	
	C...507	59.32.2122	1n2	10%	50V	CER	
	C...508	59.22.5220	22u	-20/+50%	25V	EL	
	C...509	59.34.2101	100p	5%	63V	CER	N 150
	C...510	59.05.2331	330p	2.5%	630V	PP	
	C...511	59.06.0334	330n	10%	63V	PETP	
	C...512	59.06.0333	33n	10%	63V	PETP	
	C...513	59.06.0104	100n	10%	63V	PETP	
	C...514	59.22.5101	100u	-20/+50%	25V	EL	
	C...515	59.22.8229	2u2	-20/+50%	50V	EL	
	C...516	59.05.1332	3n3	1%	160V	PP	
	C...517	59.34.4271	270p	5%	63V	CER	N 750
	C...519	59.34.4271	270p	5%	63V	CER	N 750
	C...520	59.05.1332	3n3	1%	160V	PP	
	C...521	59.22.6220	22u	-20/+50%	35V	EL	
	C...540	59.34.4220	22p	5%	63V		NP 0
	C...600	59.06.0103	10n	10%	40V	PETP	
	C...602	59.22.8109	1u	-20/+50%	50V	EL	
	C...605	59.22.8109	1u	-20/+50%	50V	EL	
	C...606	59.22.8109	1u	-20/+50%	50V	EL	
	C...607	59.06.0103	10n	10%	40V	PETP	
	C...608	59.22.8109	1u	-20/+50%	50V	EL	
	C...611	59.22.8109	1u	-20/+50%	50V	EL	
	C...612	59.22.8109	1u	-20/+50%	50V	EL	
	C...613	59.22.8109	1u	-20/+50%	50V	EL	
	C...650	59.06.0104	100n	10%	63V	PETP	
	C...651	59.06.0104	100n	10%	63V	PETP	
	C...700	59.32.3103	10n	20%	40V	CER	
	C...701	59.32.4102	1n	20%	50V	CER	
	C...702	59.06.0472	4n7	10%	63V	PETP	
	C...703	59.34.1100	10p	5%	63V	CER	NP 0
	C...704	59.34.2270	27p	5%	63V	CER	N 150
	C...705	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...706	59.32.3103	10n	20%	40V	CER	
	C...707	59.32.4102	1n	20%	50V	CER	
	C...708	59.32.4102	1n	20%	50V	CER	
	C...709	59.06.0683	68n	10%	63V	PETP	
	C...710	59.34.3399	3p9	2%	63V	CER	P 100
	C...712	59.06.0222	2n2	10%	63V	PETP	
	C...713	59.34.4680	68p	5%	63V	CER	N 750
	C...714	59.06.0104	100n	10%	63V	PETP	
	C...715	59.34.1689	6p8	5%	63V	CER	NP 0
	C...716	59.32.3103	10n	20%	40V	CER	
	C...717	59.06.0103	10n	10%	63V		
	C...718	59.18.0109	1.4-5.5p		100V	TRI	Ph,A
	C...719	59.32.4471	470p	20%	50V	CER	
	C...720	59.32.3103	10n	20%	40V	CER	
	C...721	59.32.3103	10n	20%	40V	CER	
	C...722	59.06.0474	470n	10%	63V	PETP	
	C...723	59.22.3470	47u	-20/+50%	10V	EL	
	C...724	59.32.4471	470p	20%	50V	CER	
	C...725	59.22.3101	100u	-20/+50%	10V	EL	
	C...726	59.32.4102	1n	20%	50V	CER	
	C...727	59.22.5101	100u	-20/+50%	25V	EL	
	C...728	59.34.2220	22p	5%	63V	CER	N 150
	C...740	59.32.3103	10n	20%	40V	CER	
	C...741	59.22.6220	22u	-20/+50%	35V	CER	
	C...743	59.32.4102	1n	20%	50V	CER	
	C...750	59.34.4101	100p	5%	63V	CER	N 750
	C...755	59.06.0224	220n	10%	63V	PETP	
	C...801	59.06.0104	100n	10%	63V	PETP	
	C...804	59.06.0473	47n	10%	63V	PETP	
	C...805	59.06.0104	100n	10%	63V	PETP	
	C...806	59.32.3103	10n	20%	40V	CER	
	C...807	59.06.0223	22n	10%	63V	PETP	
	C...808	59.06.0473	47n	10%	63V	PETP	
	C...809	59.22.8109	1u	-20/+50%	50V	EL	
	C...810	59.32.3103	10n	20%	40V	CER	
	C...811	59.06.0223	22n	10%	63V	PETP	
	C...841	59.34.2220	22p	5%	63V	CER	N 150
	C...900	59.06.0104	100n	10%	63V	PETP	
	C...901	59.06.0104	100n	10%	63V	PETP	
	C...902	59.22.6100	10u	-20/+50%	35V	EL	
	C...903	59.34.2470	47p	5%	63V	CER	N 150
	C...904	59.22.3470	47u	-20/+50%	10V	EL	
	C...906	59.22.6220	22u	-20/+50%	35V	EL	
	C...907	59.22.6100	10u	-20/+50%	35V	EL	
	C...910	59.32.3103	10n	20%	40V	CER	
	C...911	59.06.0103	10n	10%	50V	PETP	
	C...915	59.22.4101	100u	20%	10V	EL	
	C..1100	59.34.4820	82p	5%	63V	CER	N 750
	C..1104	59.06.0104	100n	10%	63V	PETP	
	C..1107	59.06.0104	100n	10%	63V	PETP	
	C..1108	59.22.3470	47u	-20/+50%	10V	EL	
	C..1109	59.34.2470	47p	5%	63V	CER	N 150
	C..1110	59.32.3103	10n	20%	40V	CER	
	C..1111	59.06.0103	10n	10%	63V	PETP	
	C..1131	59.06.0103	10n	10%	63V	PETP	
	C..1132	59.34.5561	560p	5%	63V	CER	

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C..1133	59.06.0104	100n		10%	63V	PETP		
C..1134	59.22.8229	2u2		-20%/50%	50V	EL		
C..1135	59.22.8229	2u2		-20%/50%	50V	EL		
D...100	50.04.0126	BB 20	4 RED	D-CAPACITY				Sie
D...101	50.04.0126	BB 20	4 RED	D-CAPACITY				Sie
D...102	50.04.0126	BB 20	4 RED	D-CAPACITY				Sie
D...103	50.04.0126	BB 20	4 RED	D-CAPACITY				Sie
D...400	50.99.0168	BB130		SOD69 D-CAPACITY				Ph
D...401	50.04.0125	1N4448		DO35 RECTIFIER				A
D...402	50.99.0168	BB130		SOD69 D-CAPACITY				Ph
D...500	50.04.0125	1N4448		DO35 RECTIFIER				A
D...700	50.04.0126	BB 20	4 RED	D-CAPACITY				Sie
D...701	50.04.0126	BB 20	4 RED	D-CAPACITY				Sie
D...904	50.04.0105	1N4004		DO41 RECTIFIER				A
D...905	50.04.0105	1N4004		DO41 RECTIFIER				A
DL...90	50.04.2852	MU02-4	201	QUAD-LED yellow				Sty
DV..403	50.04.1112	5.1V		5%	0.5W	DO35	ZENER	
DV..600	50.04.1112	5.1V		5%	0.5W	DO35	ZENER	
DV..601	50.04.1102	6.8V		5%	0.5W	DO35	ZENER	
DV..602	50.04.1112	5.1V		5%	0.5W	DO35	ZENER	
DV..603	50.04.1112	5.1V		5%	0.5W	DO35	ZENER	
DV..604	50.04.1112	5.1V		5%	0.5W	DO35	ZENER	
DV..800	50.04.1108	5.6V		5%	0.5W	DO35	ZENER	
DV..906	50.04.1135	3.6V		5%	0.5W	DO35	ZENER	
DV..907	50.04.1135	3.6V		5%	0.5W	DO35	ZENER	
IC....1	50.09.0122	TLC272		DIP08 PRECISION DUAL OPAMP				TI,STM
IC....2	50.09.0122	TLC272		DIP08 PRECISION DUAL OPAMP				TI,STM
IC....3	50.09.0122	TLC272		DIP08 PRECISION DUAL OPAMP				TI,STM
IC....4	50.11.0129	TDA1576		DIP18 FM-ZF VERSTAERKER				Ph
IC....5	50.13.0113	TDA1578A	-S3	DIP18 PLL STEREO DECODER				Ph
IC....7	50.10.0108	LM317L		TO92 VOLTAGE REG. +				A
IC....8	50.13.0105	SAA1057		SYNTHESIZER MODUL				Ph
IC....9	50.11.0300	TEA6100		DIP20 FM/ZF AMPLIFIER				Ph
IC...10	50.10.0104	LM317SP		TO220 VOLTAGE REG. +				A
IC...11	50.07.0018	HEF4094		DIP16 SHIFT AND STORE BUS REG.				A
IC...12	50.10.0104	LM317SP		TO220 VOLTAGE REG. +				A
IC...15	1.752.190.20	80C652P	AB030	DIP40 SINGLE CHIP MPU (RDS)				Ph
IC...17	50.17.4066	HC4066		DIP14 QUAD ANALOG SWITCH				A
IC...19	50.61.0502	SAA6579T		SO16 RDS-DEMODULATOR				Ph
L...100	1.726.250.31	4.5/1.25		RF-COIL ADJ				Com
L...101	1.746.240.06	4.5/0.75		RF-COIL ADJ				Com
L...102	1.746.240.06	4.5/0.75		RF-COIL ADJ				Com
L...103	1.746.240.06	4.5/0.75		RF-COIL ADJ				Com
L...300	89.01.4402	10.7MHZ		CERAMIC FILTER SFE10.7MX2K-A				Mur
L...301	89.01.4402	10.7MHZ		CERAMIC FILTER SFE10.7MX2K-A				Mur
L...302	89.01.4402	10.7MHZ		CERAMIC FILTER SFE10.7MX2K-A				Mur
L...500	1.746.240.03	90KHZ-LPF		ABW-07				Com
L...610	1.752.250.22	19KHZ-LPF		ABW-07				Com
L...611	1.752.250.22	19KHZ-LPF		ABW-07				Com
L...700	1.752.250.23	3.5/1.75		OSCI. COIL				Com
L...701	1.728.260.06	3.5/0.75		OSCI. COIL				Com
L...901	62.01.0115	2.5WD		WIDEBAND-CHOKE				Ph
L..1100	62.02.3220	22u		10% 1E4 (OHM) HF-CHOKE				
MP....1	1.752.180.05	2 pcs		RF SHIELD 1				St
MP....2	1.752.180.06			RF SHIELD 2				St
MP....3	1.752.180.04			HEATSINK				St
MP....4	1.752.180.03			THERMOFOIL				St
MP....5	20.25.0203	2 pcs		ANTENNA SCREW				
MP....6	50.20.2003	2 pcs		CLAMP				
MP....7	21.99.0180	2 pcs		SCREW to HEATSINK				
MP....8	1.752.180.13			Empty PCB				
P...100	54.23.0001	ANTENNA		ANG.	MALE	KOAX		Hi
Q...100	1.010.043.50	BF961		X-PLAST	Sel.			Sie
Q...101	1.010.043.50	BF961		X-PLAST	Sel.			Sie
Q...200	1.010.043.50	BF961		X-PLAST	Sel.			Sie
Q...201	1.010.043.50	BF961		X-PLAST	Sel.			Sie
Q...202	1.010.052.50	BF963		X-PLAST				Sie
Q...300	50.03.0576	BF959		NPN	TO92-10			Sie
Q...301	50.03.0576	BF959		NPN	TO92-10			Sie
Q...302	50.03.0576	BF959		NPN	TO92-10			Sie
Q...303	50.03.0576	BF959		NPN	TO92-10			Sie
Q...304	1.010.043.50	BF961		X-PLAST	Sel.			Sie
Q...400	50.03.0436	BC237B		NPN	TO92-1			A
Q...401	50.03.0436	BC237B		NPN	TO92-1			A
Q...402	50.03.0628	BF450		PNP	TO92-10			Ph
Q...403	50.03.0628	BF450		PNP	TO92-10			Ph
Q...404	50.03.0436	BC237B		NPN	TO92-1			A
Q...700	50.03.0577	BF496		NPN	TO92-1			Ph
Q...701	1.010.043.50	BF961		X-PLAST	Sel.			Sie
Q...900	50.03.0515	BC307B		PNP	TO92-1			A
Q...901	50.03.0451	BD139-10		NPN	TO126-1			A
Q...904	50.03.0515	BC307B		PNP	TO92-1			A
Q...905	50.03.0515	BC307B		PNP	TO92-1			A
Q...906	50.03.0515	BC307B		PNP	TO92-1			A
Q...907	50.03.0801	2SA968		PNP	TO220-1			A
Q...908	50.03.0436	BC237B		NPN	TO92-1			A
Q...909	50.03.0436	BC237B		NPN	TO92-1			A
R...100	57.11.3104	100k		1%	0.6W	0207	MF	
R...101	57.11.3221	220E		1%	0.6W	0207	MF	
R...102	57.11.3154	150k		1%	0.6W	0207	MF	
R...103	57.11.3470	47E		1%	0.6W	0207	MF	
R...104	57.11.3103	10k		1%	0.6W	0207	MF	
R...105	57.11.3472	4k7		1%	0.6W	0207	MF	
R...106	57.11.3153	15k		1%	0.6W	0207	MF	
R...107	57.11.3473	47k		1%	0.6W	0207	MF	
R...108	57.11.3564	560k		1%	0.6W	0207	MF	
R...109	57.19.0330	33E/!\		5%	0.33W	0207	R-FUSE	
R...110	57.11.3470	47E		1%	0.6W	0207	MF	
R...111	57.11.3202	2k		1%	0.6W	0207	MF	
R...112	57.11.3564	560k		1%	0.6W	0207	MF	
R...113	57.11.3104	100k		1%	0.6W	0207	MF	
R...114	57.11.3104	100k		1%	0.6W	0207	MF	
R...115	57.11.3104	100k		1%	0.6W	0207	MF	
R...116	57.11.3474	470k		1%	0.6W	0207	MF	
R...117	57.11.3104	100k		1%	0.6W	0207	MF	
R...118	57.11.3202	2k		1%	0.6W	0207	MF	
R...119	57.11.3103	10k		1%	0.6W	0207	MF	
R...120	57.11.3472	4k7		1%	0.6W	0207	MF	
R...121	57.11.3470	47E		1%	0.6W	0207	MF	
R...122	57.11.3470	47E		1%	0.6W	0207	MF	
R...123	57.11.3221	220E		1%	0.6W	0207	MF	
R...131	57.19.0330	33E/!\		5%	0.33W	0207	R-FUSE	
R...200	57.11.3103	10k		1%	0.6W	0207	MF	
R...201	57.11.3104	100k		1%	0.6W	0207	MF	
R...202	57.11.3221	220E		1%	0.6W	0207	MF	
R...203	57.11.3470	47E		1%	0.6W	0207	MF	
R...205	57.11.3471	470E		1%	0.6W	0207	MF	
R...206	57.11.3114	110k		1%	0.6W	0207	MF	
R...207	57.11.3331	330E		1%	0.6W	0207	MF	
R...208	57.11.3224	220k		1%	0.6W	0207	MF	
R...209	57.11.3470	47E		1%	0.6W	0207	MF	
R...211	57.19.0330	33E/!\		5%	0.33W	0207	R-FUSE	
R...212	57.19.0330	33E/!\		5%	0.33W	0207	R-FUSE	
R...213	57.11.3221	220E		1%	0.6W	0207	MF	
R...214	57.11.3224	220k		1%	0.6W	0207	MF	
R...215	57.11.3221	220E		1%	0.6W	0207	MF	
R...216	57.11.3473	47k		1%	0.6W	0207	MF	
R...217	57.11.3104	100k		1%	0.6W	0207	MF	
R...218	57.11.3754	750k		1%	0.6W	0207	MF	
R...219	57.11.3470	47E		1%	0.6W	0207	MF	
R...220	57.11.3433	43k		1%	0.6W	0207	MF	
R...221	57.11.3470	47E		1%	0.6W	0207	MF	
R...230	57.19.0330	33E/!\		5%	0.33W	0207	R-FUSE	
R...231	57.19.0151	150E/!\		5%	0.33W	0207	R-FUSE	
R...232	57.11.3470	47E		1%	0.6W	0207	MF	
R...233	57.11.3470	47E		1%	0.6W	0207	MF	
R...300	57.11.3102	1k		1%	0.6W	0207	MF	
R...301	57.11.3102	1k		1%	0.6W	0207	MF	
R...302	57.11.3391	390E		1%	0.6W	0207	MF	
R...303	57.11.3102	1k		1%	0.6W	0207	MF	
R...304	57.11.3330	33E		1%	0.6W	0207	MF	
R...305	57.11.3102	1k		1%	0.6W	0207	MF	
R...306	57.11.3272	2k7		1%	0.6W	0207	MF	
R...307	57.11.3114	110k		1%	0.6W	0207	MF	
R...308	57.11.3302	3k		1%	0.6W	0207	MF	
R...309	57.11.3101	100E		1%	0.6W	0207	MF	
R...310	57.11.3331	330E		1%	0.6W	0207	MF	
R...311	57.19.0151	150E/!\		5%	0.33W	0207	R-FUSE	
R...312	57.11.3331	330E		1%	0.6W	0207	MF	
R...313	57.11.3221	220E		1%	0.6W	0207	MF	
R...314	57.11.3224	220k		1%	0.6W	0207	MF	
R...315	57.11.3331	330E		1%	0.6W	0207	MF	
R...316	57.19.0151	150E/!\		5%	0.33W	0207	R-FUSE	
R...317	57.11.3272	2k7		1%	0.6W	0207	MF	
R...319	57.11.3470	47E		1%	0.6W	0207	MF	
R...320	57.11.3101	100E		1%	0.6W	0207	MF	
R...321	57.11.3513	51k		1%	0.6W	0207	MF	
R...322	57.11.3104	100k		1%	0.6W	0207	MF	
R...323	57.11.3470	47E		1%	0.6W	0207	MF	
R...324	57.19.0151	150E/!\		5%	0.33W	0207	R-FUSE	
R...325	57.11.3221	220E		1%	0.6W	0207	MF	
R...326	57.11.3331	330E		1%	0.6W	0207	MF	
R...327	57.11.3302	3k		1%	0.6W	0207	MF	
R...328	57.11.3101	100E		1%	0.6W	0207	MF	
R...329	57.11.3221	220E		1%	0.6W	0207	MF	
R...330	57.11.3330	33E		1%	0.6W	0207	MF	

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R...331	57.11.3391	390E	1%	0.6W	0207	MF
R...340	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...341	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...342	57.19.0151	150E/!\	5%	0.33W	0207	R-FUSE
R...400	57.11.3562	5k6	1%	0.6W	0207	MF
R...401	57.11.3472	4k7	1%	0.6W	0207	MF
R...402	57.11.3471	470E	1%	0.6W	0207	MF
R...403	57.11.3223	22k	1%	0.6W	0207	MF
R...404	57.11.3471	470E	1%	0.6W	0207	MF
R...405	57.11.3183	18k	1%	0.6W	0207	MF
R...406	57.11.3221	220E	1%	0.6W	0207	MF
R...407	57.11.3224	220k	1%	0.6W	0207	MF
R...408	57.11.3682	6k8	1%	0.6W	0207	MF
R...410	57.11.3474	470k	1%	0.6W	0207	MF
R...411	57.11.3472	4k7	1%	0.6W	0207	MF
R...413	57.11.3222	2k2	1%	0.6W	0207	MF
R...414	57.11.3391	390E	1%	0.6W	0207	MF
R...415	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...416	57.11.3203	20k	1%	0.6W	0207	MF
R...417	57.11.3182	1k8	1%	0.6W	0207	MF
R...418	57.11.3221	220E	1%	0.6W	0207	MF
R...419	57.11.3152	1k5	1%	0.6W	0207	MF
R...420	57.11.3102	1k	1%	0.6W	0207	MF
R...422	57.11.3221	220E	1%	0.6W	0207	MF
R...423	57.11.3471	470E	1%	0.6W	0207	MF
R...424	57.11.3223	22k	1%	0.6W	0207	MF
R...425	57.11.3562	5k6	1%	0.6W	0207	MF
R...426	57.11.3472	4k7	1%	0.6W	0207	MF
R...427	57.11.3103	10k	1%	0.6W	0207	MF
R...428	57.11.3102	1k	1%	0.6W	0207	MF
R...429	57.11.3222	2k2	1%	0.6W	0207	MF
R...430	57.11.3222	2k2	1%	0.6W	0207	MF
R...432	57.11.3472	4k7	1%	0.6W	0207	MF
R...433	57.11.3182	1k8	1%	0.6W	0207	MF
R...440	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...441	57.11.3472	4k7	1%	0.6W	0207	MF
R...442	57.11.3101	100E	1%	0.6W	0207	MF
R...443	57.11.3101	100E	1%	0.6W	0207	MF
R...444	57.11.3183	18k	1%	0.6W	0207	MF
R...445	57.11.3223	22k	1%	0.6W	0207	MF
R...500	57.11.3223	22k	1%	0.6W	0207	MF
R...501	57.11.3154	150k	1%	0.6W	0207	MF
R...502	57.11.3683	68k	1%	0.6W	0207	MF
R...503	57.11.3103	10k	1%	0.6W	0207	MF
R...504	57.11.3393	39k	1%	0.6W	0207	MF
R...505	57.11.3103	10k	1%	0.6W	0207	MF
R...506	57.11.3103	10k	1%	0.6W	0207	MF
R...507	57.11.3103	10k	1%	0.6W	0207	MF
R...508	57.11.3103	10k	1%	0.6W	0207	MF
R...509	57.11.3512	5k1	1%	0.6W	0207	MF
R...510	57.11.3472	4k7	1%	0.6W	0207	MF
R...511	57.11.3223	22k	1%	0.6W	0207	MF
R...512	57.11.3473	47k	1%	0.6W	0207	MF
R...513	57.11.3243	24k	1%	0.6W	0207	MF
R...514	57.11.3223	22k	1%	0.6W	0207	MF
R...515	57.11.3184	180k	1%	0.6W	0207	MF
R...516	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...518	57.11.3333	33k	1%	0.6W	0207	MF
R...519	57.11.3102	1k	1%	0.6W	0207	MF
R...521	57.11.3472	4k7	1%	0.6W	0207	MF
R...522	57.11.3103	10k	1%	0.6W	0207	MF
R...524	57.11.3333	33k	1%	0.6W	0207	MF
R...525	57.11.3473	47k	1%	0.6W	0207	MF
R...526	57.11.3473	47k	1%	0.6W	0207	MF
R...527	57.11.3222	2k2	1%	0.6W	0207	MF
R...528	57.11.3243	24k	1%	0.6W	0207	MF
R...600	57.11.3103	10k	1%	0.6W	0207	MF
R...601	57.11.3512	5k1	1%	0.6W	0207	MF
R...605	57.11.3103	10k	1%	0.6W	0207	MF
R...606	57.11.3101	100E	1%	0.6W	0207	MF
R...607	57.11.3104	100k	1%	0.6W	0207	MF
R...608	57.11.3222	2k2	1%	0.6W	0207	MF
R...609	57.11.3101	100E	1%	0.6W	0207	MF
R...610	57.11.3101	100E	1%	0.6W	0207	MF
R...611	57.11.3222	2k2	1%	0.6W	0207	MF
R...613	57.11.3472	4k7	1%	0.6W	0207	MF
R...614	57.11.3472	4k7	1%	0.6W	0207	MF
R...615	57.11.3222	2k2	1%	0.6W	0207	MF
R...616	57.11.3623	62k	1%	0.6W	0207	MF
R...617	57.11.3103	10k	1%	0.6W	0207	MF
R...618	57.11.3303	30k	1%	0.6W	0207	MF
R...619	57.11.3103	10k	1%	0.6W	0207	MF
R...620	57.11.3101	100E	1%	0.6W	0207	MF
R...622	57.11.3512	5k1	1%	0.6W	0207	MF
R...624	57.11.3303	30k	1%	0.6W	0207	MF
R...625	57.11.3104	100k	1%	0.6W	0207	MF
R...626	57.11.3103	10k	1%	0.6W	0207	MF
R...627	57.11.3103	10k	1%	0.6W	0207	MF
R...629	57.11.3224	220k	1%	0.6W	0207	MF
R...630	57.11.3623	62k	1%	0.6W	0207	MF
R...640	57.11.3224	220k	1%	0.6W	0207	MF
R...700	57.11.3473	47k	1%	0.6W	0207	MF
R...701	57.11.3103	10k	1%	0.6W	0207	MF
R...702	57.11.3272	2k7	1%	0.6W	0207	MF
R...703	57.11.3471	470E	1%	0.6W	0207	MF
R...704	57.11.3103	10k	1%	0.6W	0207	MF
R...705	57.11.3472	4k7	1%	0.6W	0207	MF
R...706	57.11.3470	47E	1%	0.6W	0207	MF
R...707	57.11.3473	47k	1%	0.6W	0207	MF
R...708	57.11.3472	4k7	1%	0.6W	0207	MF
R...709	57.11.3472	4k7	1%	0.6W	0207	MF
R...710	57.11.3113	11k	1%	0.6W	0207	MF
R...711	57.11.3473	47k	1%	0.6W	0207	MF
R...712	57.11.3470	47E	1%	0.6W	0207	MF
R...713	57.11.3224	220k	1%	0.6W	0207	MF
R...714	57.11.3154	150k	1%	0.6W	0207	MF
R...715	57.19.0479	4E7/!\	5%	0.33W	0207	R-FUSE
R...716	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...717	57.11.3222	2k2	1%	0.6W	0207	MF
R...718	57.11.3150	15E	1%	0.6W	0207	MF
R...719	57.11.3221	220E	1%	0.6W	0207	MF
R...720	57.11.3114	110k	1%	0.6W	0207	MF
R...721	57.11.3103	10k	1%	0.6W	0207	MF
R...722	57.11.3103	10k	1%	0.6W	0207	MF
R...723	57.11.3104	100k	1%	0.6W	0207	MF
R...724	57.11.3511	510E	1%	0.6W	0207	MF
R...725	57.11.3153	15k	1%	0.6W	0207	MF
R...727	57.11.3103	10k	1%	0.6W	0207	MF
R...728	57.11.3104	100k	1%	0.6W	0207	MF
R...729	57.11.3103	10k	1%	0.6W	0207	MF
R...730	57.11.3181	180E	1%	0.6W	0207	MF
R...731	57.11.3470	47E	1%	0.6W	0207	MF
R...732	57.11.3103	10k	1%	0.6W	0207	MF
R...740	57.19.0330	33E/!\	5%	0.33W	0207	R-FUSE
R...741	57.11.3102	1k	1%	0.6W	0207	MF
R...750	57.11.3223	22k	1%	0.6W	0207	MF
R...803	57.19.0680	68E/!\	5%	0.33W	0207	R-FUSE
R...804	57.19.0680	68E/!\	5%	0.33W	0207	R-FUSE
R...806	57.11.3102	1k	1%	0.6W	0207	MF
R...807	57.11.3472	4k7	1%	0.6W	0207	MF
R...808	57.11.3472	4k7	1%	0.6W	0207	MF
R...810	57.11.3751	750E	1%	0.6W	0207	MF
R...811	57.11.3151	150E	1%	0.6W	0207	MF
R...812	57.11.3331	330E	1%	0.6W	0207	MF
R...900	57.11.3681	680E	1%	0.6W	0207	MF
R...901	57.11.3103	10k	1%	0.6W	0207	MF
R...902	57.11.3103	10k	1%	0.6W	0207	MF
R...904	57.11.3222	2k2	1%	0.6W	0207	MF
R...905	57.11.3181	180E	1%	0.6W	0207	MF
R...906	57.11.3821	820E	1%	0.6W	0207	MF
R...911	57.11.3223	22k	1%	0.6W	0207	MF
R...912	57.11.3472	4k7	1%	0.6W	0207	MF
R...913	57.11.3103	10k	1%	0.6W	0207	MF
R...914	57.11.3103	10k	1%	0.6W	0207	MF
R...915	57.11.3222	2k2	1%	0.6W	0207	MF
R...916	57.11.3223	22k	1%	0.6W	0207	MF
R...917	57.92.7013	0E5		0.5A	60V	R-PTC
R...919	57.11.3472	4k7	1%	0.6W	0207	MF
R...920	57.11.3103	10k	1%	0.6W	0207	MF
R...921	57.11.3472	4k7	1%	0.6W	0207	MF
R...922	57.11.3103	10k	1%	0.6W	0207	MF
R...924	57.11.3201	200E	1%	0.6W	0207	MF
R...925	57.11.3621	620E	1%	0.6W	0207	MF
R...926	57.11.3271	270E	1%	0.6W	0207	MF
R...927	57.11.3471	470E	1%	0.6W	0207	MF
R...929	57.11.3103	10k	1%	0.6W	0207	MF
R...930	57.11.3103	10k	1%	0.6W	0207	MF
R...931	57.11.3103	10k	1%	0.6W	0207	MF
R...932	57.11.3471	470E	1%	0.6W	0207	MF
R...934	57.11.3472	4k7	1%	0.6W	0207	MF
R...940	57.11.3271	270E	1%	0.6W	0207	MF
R...944	57.11.3102	1k	1%	0.6W	0207	MF
R...945	57.11.3103	10k	1%	0.6W	0207	MF
R...960	57.11.3103	10k	1%	0.6W	0207	MF
R...961	57.11.3151	150E	1%	0.6W	0207	MF

1.752.180.21 FM-TUNER UNIT 4/4

R...962	57.11.3472	4k7		1%	0.6W	0207	MF
R...963	57.11.3472	4k7		1%	0.6W	0207	MF
R...964	57.11.3151	150E		1%	0.6W	0207	MF
R...965	57.11.3102	1k		1%	0.6W	0207	MF
R...966	57.11.3102	1k		1%	0.6W	0207	MF
R...967	57.11.3471	470E		1%	0.6W	0207	MF
R..1104	57.11.3222	2k2		1%	0.6W	0207	MF
R..1110	57.11.3470	47E		1%	0.6W	0207	MF
R..1111	57.11.3472	4k7		1%	0.6W	0207	MF
R..1115	57.11.3222	2k2		1%	0.6W	0207	MF
R..1118	57.11.3151	150E		1%	0.6W	0207	MF
R..1119	57.11.3151	150E		1%	0.6W	0207	MF
R..1121	57.11.3102	1k		1%	0.6W	0207	MF
RA..409	58.02.5103	10k		20%	0.1W		CF
RA..412	58.02.5223	22k		20%	0.1W		CF
RA..431	58.02.5222	2k2		20%	0.1W		CF
RA..517	58.02.5223	22k		20%	0.1W		CF
RA..520	58.02.5103	10k		20%	0.1W		CF
RA..801	58.02.5103	10k		20%	0.1W		CF
T...200	1.728.260.07		S	YM. TRAFO			GI
T...201	1.752.250.21		I	F Mixer Coil			GI
T...300	1.726.250.27		I	F COIL 2			GI,Com
T...400	1.726.250.29		I	F-OSC.COIL			GI
W.....1	1.752.196.00			Wire List Flatcable 8 Pin			St
W.....2	1.752.198.00			Wire List Flatcable 12 Pin			St
W.....3	1.752.180.93			Wire List Ikon			St
Y...700	89.01.0550	4.000MHZ		HC18/43/49/U			A
Y..1100	89.01.1006	4.332MHZ		HC18/43/49/U			A

far93/04/0700

MF=Metalfilm
CF=Carbonfilm
Cer=Ceramic
PETP=Polyester
PP=Polypropylen
Tri=Trimmer
El=Electrolytic
MANUFACTURER: A=any, GI=Dam/General Instruments Malta, Sie=Siemens,
Ph=Philips, St=Studer, STM=SGS-Thomson, TI=Texas Instr.,
Com=Componex/Toko, Mur=Murata/Erie, Sty=Stanley,
Hi= Hirschmann,
END

1.752.230.00 INTERCONNECTION UNIT TOP

Ad	..Pos..	...Ref.No...		Description .....
	IC....1	50.62.9066		HEF 4066B T, ,A
	J.....4	54.14.5540		Connector 20 Pole
	J.....6	54.14.5508		Connector 8 Pole
	MP....1	1.752.230.11		INTERCONNECTION PCB TOP
01	MP....1	1.752.230.12		INTERCONNECTION PCB TOP
	P.....3	54.14.5590		Plug 20 Pole
	R...131	57.10.1104	100 k	1%, 0204 , MF
	R...132	57.10.1104	100 k	1%, 0204 , MF
	W.....1	1.752.230.94		Cable List INTRECONNECTION TOP

(01) PCB INDEX from -11 to -12

MER91/11/1900
STW92/04/2001

EL=Electrolytic, CER=Ceramic, PETP=Polyester, SI=Silicon, MF=Metalfilm

Manufacturer: NS=National Semiconductors, TI=Texas Instruments
MOT=Motorola,Ph=Philips,St=Studer,SGT=SGS Thomson
END

1.752.240.00 INTERCONNECTION UNIT BOTTOM

Ad	..Pos..	...Ref.No...	Description .....
	J.....3	54.14.5540	Connector 20 Pole
	J.....5	54.14.5512	Connector 12 Pole
	MP....1	1.752.240.11	INTERCONNECTION PCB BOTTOM
01	MP....1	1.752.240.12	INTERCONNECTION PCB BOTTOM
	P.....1	54.14.5590	Plug 20 Pole
	W.....1	1.752.230.94	Cable List INTRECONNECTION BOTTOM

(01) PCB INDEX from -11 to -12

MER91/11/1900
STW92/04/2001

EL=Electrolytic, CER=Ceramic, PETP=Polyester, SI=Silicon, MF=Metalfilm

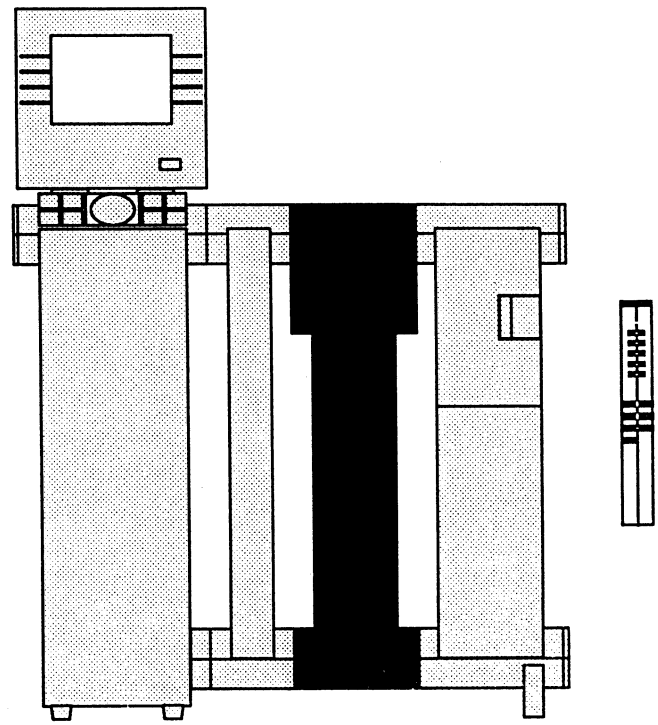
Manufacturer: NS=National Semiconductors, TI=Texas Instruments
MOT=Motorola,Ph=Philips,St=Studer,SGT=SGS Thomson
END

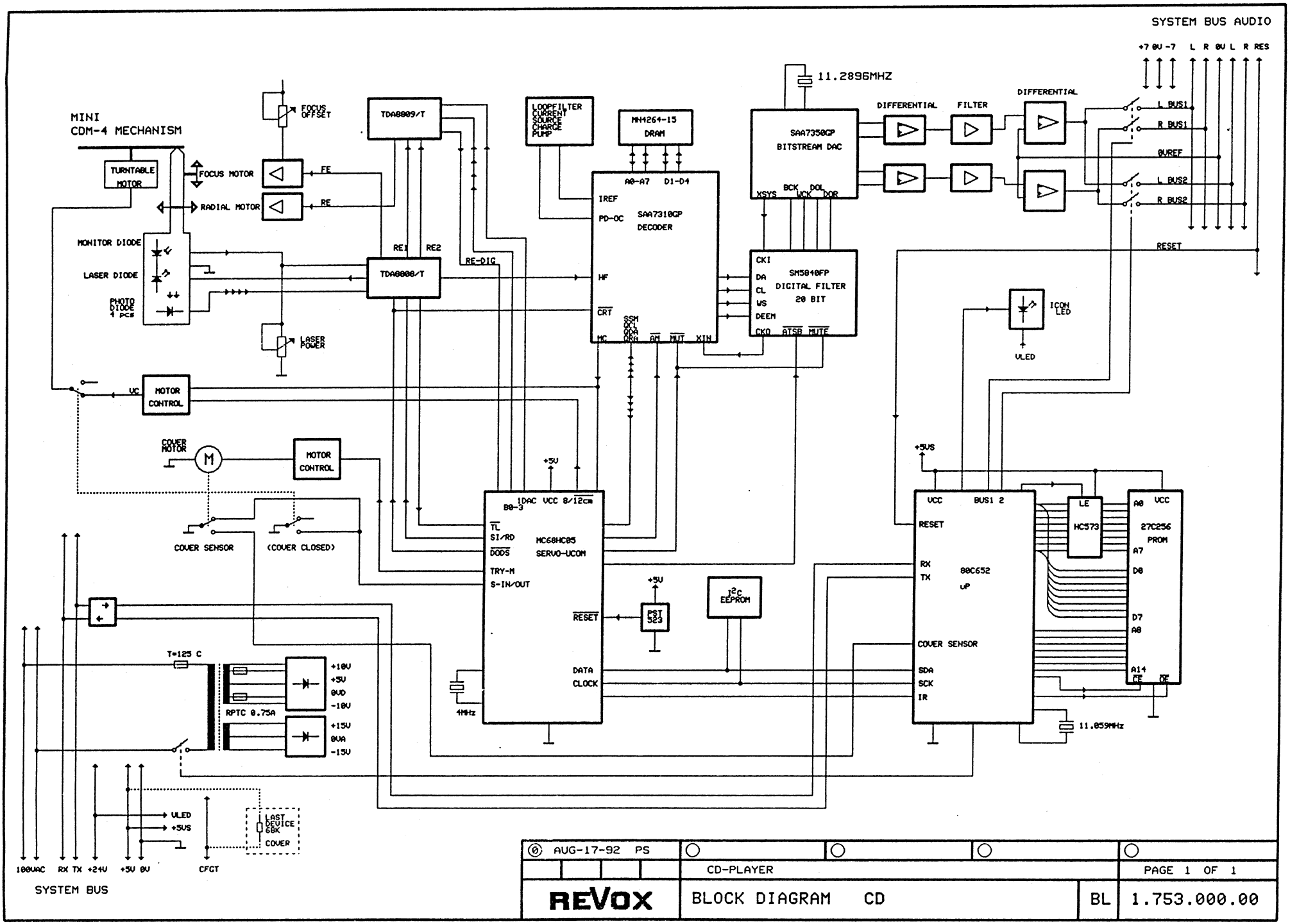
Schemata CD-Spieler

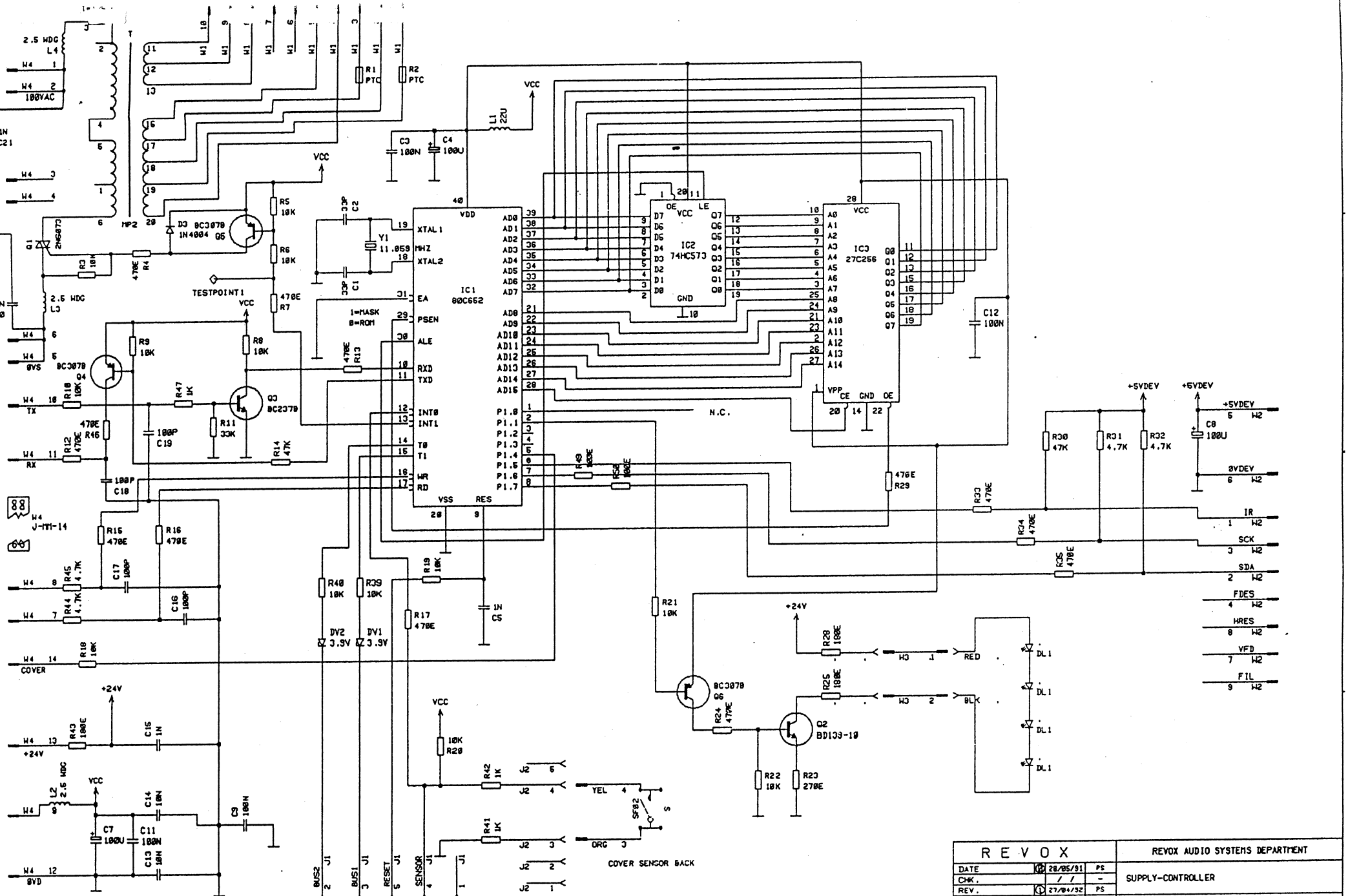
Schematic diagrams CD-Player

Schémas du lecteur CD

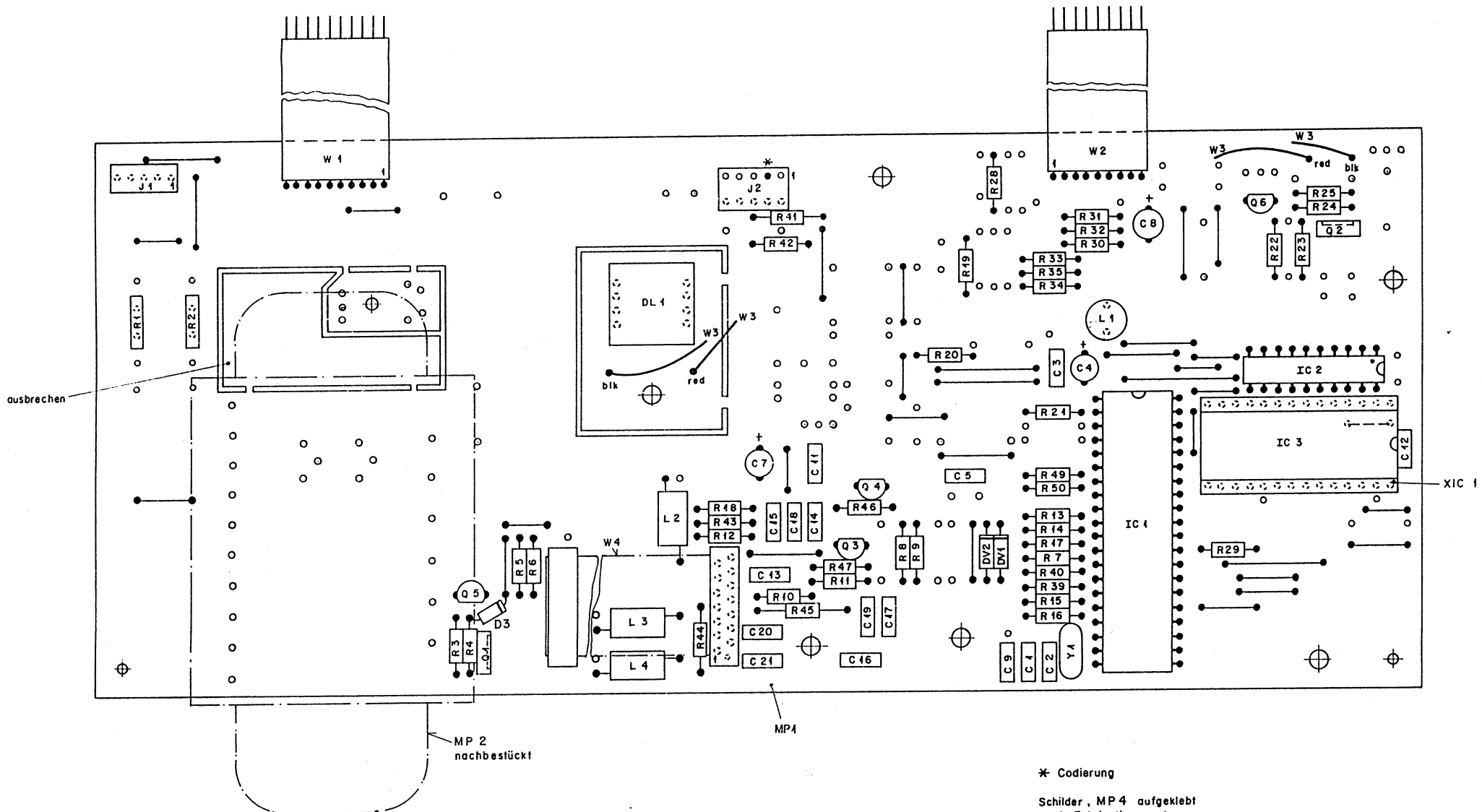
Block diagram	1.753.000.00
Supply controller board	1.753.200.20
Cover sensor unit	1.753.230.00
Decoder board	1.753.250.00
Servo board modifications	1.753.251.00
Converter board modifications	1.753.252.00
Flex jumper extension	1.753.256.00
«Verdrahtung CD-Antrieb»	1.753.257.00
«Unterbrecher»	1.753.258.00
Audio buffer unit	1.753.260.00
Bus connection unit top	1.753.270.00
Bus connection unit bottom	1.753.280.00
«Motor kpl.»	1.753.352.00




SYSTEM BUS AUDIO
+7 0V -7 L R 0V L R RES
MINI
CDM-4 MECHANISM
TURNTABLE MOTOR
FOCUS MOTOR
RADIAL MOTOR
FOCUS OFFSET
FE
RE
TDA8809/T
LOOPFILTER CURRENT SOURCE CHARGE PUMP
MH4264-15 DRAM
11.2896MHZ
SAA7350GP BITSTREAM DAC
DIFFERENTIAL
FILTER
DIFFERENTIAL
L BUS1
R BUS1
0VREF
L BUS2
R BUS2
RESET
MONITOR DIODE
LASER DIODE
PHOTO DIODE 4 pcs
RE1
RE2
RE-DIG
TDA8808/T
LASER POWER
A0-A7 D1-D4
IREF
PD-OC
SAA7310GP DECODER
HF
CRT
SSM SCL SDA ADR
MC AM MUT XIN
XSYS BCK WCK DOR
CKI
DA
CL
WS
DEEM
CKO ATSB MUTE
SM5840FP DIGITAL FILTER 20 BIT
ICON LED
VLED
VC
MOTOR CONTROL
COVER MOTOR
M
MOTOR CONTROL
+5VS
+5V
IDAC VCC 0/12cm
B0-3
TL
SI/RD
DOOS
TRY-M
S-IN/OUT
MC68HC05 SERVO-UCOM
RESET
DATA
CLOCK
4MHz
RST 523
I2C EEPROM
COVER SENSOR
(COVER CLOSED)
VCC BUS1 2
RESET
RX
TX
80C652 uP
COVER SENSOR
SDA
SCK
IR
LE
HC573
A0 VCC
27C256 PROM
A7
D0
D7
A0
A14
CE OE
11.059MHz
T=125 C
RPTC 0.75A
+10V
+5V
0VD
-10V
+15V
0VA
-15V
VLED
+5VS
LAST DEVICE 68K
COVER
100VAC RX TX +24V +5V 0V CFGT
SYSTEM BUS
AUG-17-92 PS
CD-PLAYER
PAGE 1 OF 1
REVOX
BLOCK DIAGRAM CD
BL
1.753.000.00



REVOX			REVOX AUDIO SYSTEMS DEPARTMENT
DATE	0 28/05/91	PS	
CHK.	/ /	-	SUPPLY-CONTROLLER
REV.	1 27/04/92	PS	
	2 27/07/92	PS	D CD-PLAYER -
	3 23/01/93	PS	
FILE: 7E3203 1-Mar-93			1.753.200.20 SHEET 1 OF 1



* Codierung

Schilder, MP4 aufgeklebt
nach Fabrikationsmuster.

① C10, C 6, W5, S1, R48, R36, R37
R 38, D1, D2, Q8, Q7 fallen weg.

② J3, R 26, R27 entfallen.

③ D3 neu dazu

Änderung	Datum	Gez.	Gepr.	Ges.	Index
	18.3.93				④
	29.1.93				③
	27.7.92				②
	22.4.92				①
Ausgabe	28.2.92				⓪

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.:		
Zugehörige Unterlagen: PL	Freimasstoleranz: ±	Maßstab: 2:1	
Ersatz für:	Ersetzt durch:	Kopie für:	

STUDER REGENSDORF ZÜRICH

Benennung: SUPPLY CONTROLLER ESE

Nummer: 1.753.200-20

1.753.200.20 SUPPLY-CONTROLLER "ESE"

Ad	..Pos..	...Ref.No...	Description		
	C.....1	59.34.2330	33p	5%, 63V , CER	
	C.....2	59.34.2330	33p	5%, 63V , CER	
	C.....3	59.06.0104	100n	10%, 63V , PETP	
	C.....4	59.22.3101	100u	-20%, 10V , EL	
	C.....5	59.06.0102	1n	10%, 63V , PETP	
	C.....6	59.06.0104	100n	10%, 63V , PETP	
01	C.....6	. . 0	NOT USED		
	C.....7	59.22.3101	100u	-20%, 10V , EL	
	C.....8	59.22.3101	100u	-20%, 10V , EL	
	C.....9	59.06.0104	100n	10%, 63V , PETP	
	C....10	59.25.6102	1000u	-20%, 63V , EL axial	
01	C....10	. . 0	NOT USED		
	C....11	59.06.0104	100n	10%, 63V , PETP	
	C....12	59.06.0104	100n	10%, 63V , PETP	
	C....13	59.32.3103	10n	10%, 50V , CER	
	C....14	59.32.3103	10n	10%, 50V , CER	
	C....15	59.32.1102	1n	10%, 400V , CER	
	C....16	59.34.4101	100p	10%, 63V , CER	
	C....17	59.34.4101	100p	10%, 63V , CER	
	C....18	59.34.4101	100p	10%, 63V , CER	
	C....19	59.34.4101	100p	10%, 63V , CER	
	C....20	59.32.1102	1n	10%, 400V , CER	
	C....21	59.32.1102	1n	10%, 400V , CER	
	D.....1	50.04.0105	1N4004	400V	Mot
01	D.....1	. . 0	NOT USED		
	D.....2	50.04.0105	1N4004	400V	Mot
01	D.....2	. . 0	NOT USED		
03	D.....3	50.04.0105	1N4004	400V	Mot
	DL....1	50.04.2852	yellow	Quad LED MU02-4201	Stanley
	DV....1	50.04.1101	3.9V	Zener Diode, 0.5W	ITT
	DV....2	50.04.1101	3.9V	Zener Diode, 0.5W	ITT
	IC....1	50.16.0131	80C652	Micro Controller	Ph
	IC....2	50.17.1573	74HC573	OCT D-TYPE LATCH	Any
	IC....3	1.753.200.05	27C256	EPROM 32k x 8, 250ns,CMOS (50142004)	STU
02	IC....3	1.753.201.20	27C256	EPROM 32k x 8, 250ns,CMOS (50142004)	STU
	J.....1	54.12.0405	5pin	Socket 2.5mm CJP3205-0101	SMK
	J.....2	54.01.0288	5pin	CIS-SOCKET	AMP
	J.....3	54.12.0403	3pin	Socket 2.5mm CJP3203-0101	SMK
02	J.....3	. . 0	NOT USED		
	L.....1	62.02.3220	22u	HF-Choke, R<1.4 Ohm, Idc<250mA	TDK
	L.....2	62.01.0115	2.5wdg	Coil	
	L.....3	62.01.0115	2.5wdg	Coil	
	L.....4	62.01.0115	2.5wdg	Coil	
	MP....1	1.753.200.11	1 pcs	SUPPLY CONTROLLER PCB	STU
	MP....2	1.753.200.01	1 pcs	Power Transformer	STU
	MP....4	43.01.0108	1 pcs	ESE Warning Label	
	Q.....1	50.99.0119	2N6073B	TRIAC 400V, 4A, TO220 (MAC326)	Mot
	Q.....2	50.03.0451	BD139-10	NPN, TO126	Ph
	Q.....3	50.03.0436	BC237B	NPN, TO92	
	Q.....4	50.03.0515	BC307B	PNP, TO92	
	Q.....5	50.03.0515	BC307B	PNP, TO92	
	Q.....6	50.03.0515	BC307B	PNP, TO92	
	Q.....7	50.03.0515	BC307B	PNP, TO92	
01	Q.....7	. . 0	NOT USED		
	Q.....8	50.03.0523	ZTX651S	NPN, TO92	Ferranti
01	Q.....8	. . 0	NOT USED		
	R.....1	57.92.7020	POLY-PTC	I-hold = 0.75A	Raychem
	R.....2	57.92.7020	POLY-PTC	I-hold = 0.75A	Raychem
	R.....3	57.11.3103	10k	1%, .25W , MF	
	R.....4	57.11.3471	470	1%, .25W , MF	
	R.....5	57.11.3103	10k	1%, .25W , MF	
	R.....6	57.11.3103	10k	1%, .25W , MF	
	R.....7	57.11.3471	470	1%, .25W , MF	
	R.....8	57.11.3103	10k	1%, .25W , MF	
	R.....9	57.11.3103	10k	1%, .25W , MF	
	R....10	57.11.3103	10k	1%, .25W , MF	
	R....11	57.11.3333	33k	1%, .25W , MF	
	R....12	57.11.3471	470	1%, .25W , MF	
	R....13	57.11.3471	470	1%, .25W , MF	
	R....14	57.11.3473	47k	1%, .25W , MF	
	R....15	57.11.3471	470	1%, .25W , MF	
	R....16	57.11.3471	470	1%, .25W , MF	
	R....17	57.11.3471	470	1%, .25W , MF	
	R....18	57.11.3103	10k	1%, .25W , MF	
	R....19	57.11.3103	10k	1%, .25W , MF	
	R....20	57.11.3103	10k	1%, .25W , MF	
	R....21	57.11.3103	10k	1%, .25W , MF	
	R....22	57.11.3103	10k	1%, .25W , MF	
	R....23	57.11.3271	270	1%, .25W , MF	
	R....24	57.11.3471	470	1%, .25W , MF	
	R....25	57.11.3181	180	1%, .25W , MF	
	R....26	57.11.3102	1k	1%, .25W , MF	
01	R....26	57.11.3151	150	1%, .25W , MF	
02	R....26	. . 0	NOT USED		
	R....27	57.11.3102	1k	1%, .25W , MF	
01	R....27	57.11.3151	150	1%, .25W , MF	
02	R....27	. . 0	NOT USED		
	R....28	57.11.3181	180	1%, .25W , MF	
	R....29	57.11.3471	470	1%, .25W , MF	
	R....30	57.11.3473	47k	1%, .25W , MF	
	R....31	57.11.3472	4.7k	1%, .25W , MF	
	R....32	57.11.3472	4.7k	1%, .25W , MF	
	R....33	57.11.3471	470	1%, .25W , MF	
	R....34	57.11.3471	470	1%, .25W , MF	
	R....35	57.11.3471	470	1%, .25W , MF	
	R....36	57.11.3103	10k	1%, .25W , MF	
01	R....36	. . 0	NOT USED		
	R....37	57.11.3102	1k	1%, .25W , MF	
01	R....37	. . 0	NOT USED		
	R....38	57.11.3103	10k	1%, .25W , MF	
01	R....38	. . 0	NOT USED		
	R....39	57.11.3103	10k	1%, .25W , MF	
	R....40	57.11.3103	10k	1%, .25W , MF	
	R....41	57.11.3102	1k	1%, .25W , MF	
	R....42	57.11.3102	1k	1%, .25W , MF	
	R....43	57.11.3181	180	1%, .25W , MF	
	R....44	57.11.3472	4.7k	1%, .25W , MF	
	R....45	57.11.3472	4.7k	1%, .25W , MF	
	R....46	57.11.3471	470	1%, .25W , MF	
	R....47	57.11.3102	1k	1%, .25W , MF	
	R....48	57.11.3103	10k	1%, .25W , MF	
01	R....48	. . 0	NOT USED		
	R....49	57.11.3101	100	1%, .25W , MF	
	R....50	57.11.3101	100	1%, .25W , MF	
	S.....1	55.15.1003		Tact Switch	SKHHLQ ALPS
01	S.....1	. . 0	NOT USED		
	W.....1	1.753.190.01		Jumper Lead 10P-100mm	STU
	W.....2	1.753.190.03		Jumper Lead 9P-140mm	STU
	W.....3	1.753.200.93		Cable List	STU
	W.....4	1.753.200.02		Flat Cable 14P-140mm	STU
	W.....5	1.753.200.94		Jumper Lead 3P	STU
01	W.....5	. . 0	NOT USED		
	XIC...1	53.03.0173	28 pin	IC-SOCKET DIL	
	Y.....1	89.01.1004		QUARTZ, 11.059 MHZ	Ph

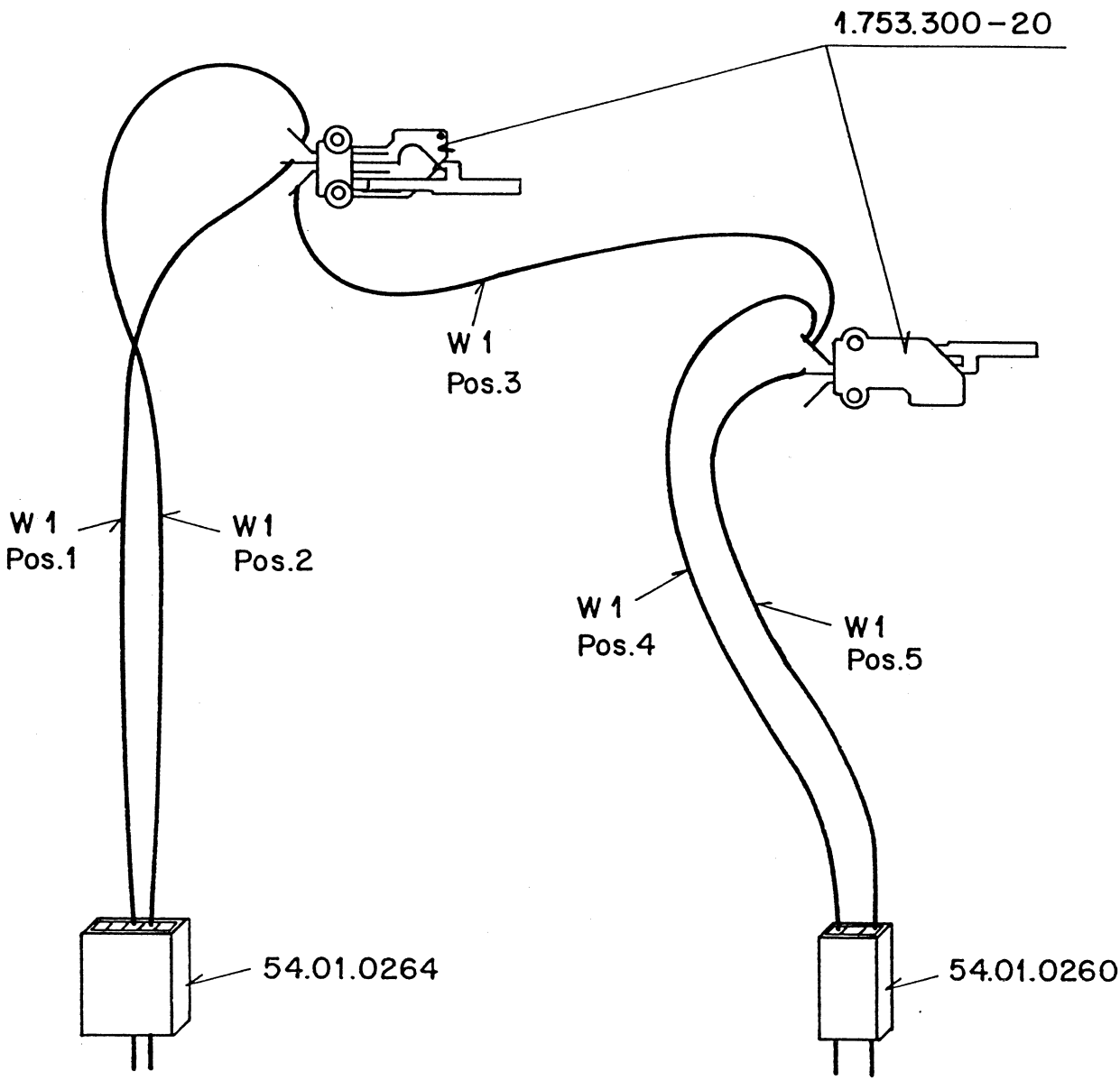
(01) NEW LOAD SENSOR
(02) OPTION
(03) PROTECTION FOR Q5

PS92/02/2000
PS92/04/2201
PS92/07/2702
PS93/01/2903

MF=Metalfilm
CER=Ceramic
PETP=Polyester
EL=Electrolytic

MANUFACTURER: STU=Studer , Mot=Motorola
Ph=Philips, ITT, TDK, SMK, ALPS
Raychem, Stanley

END



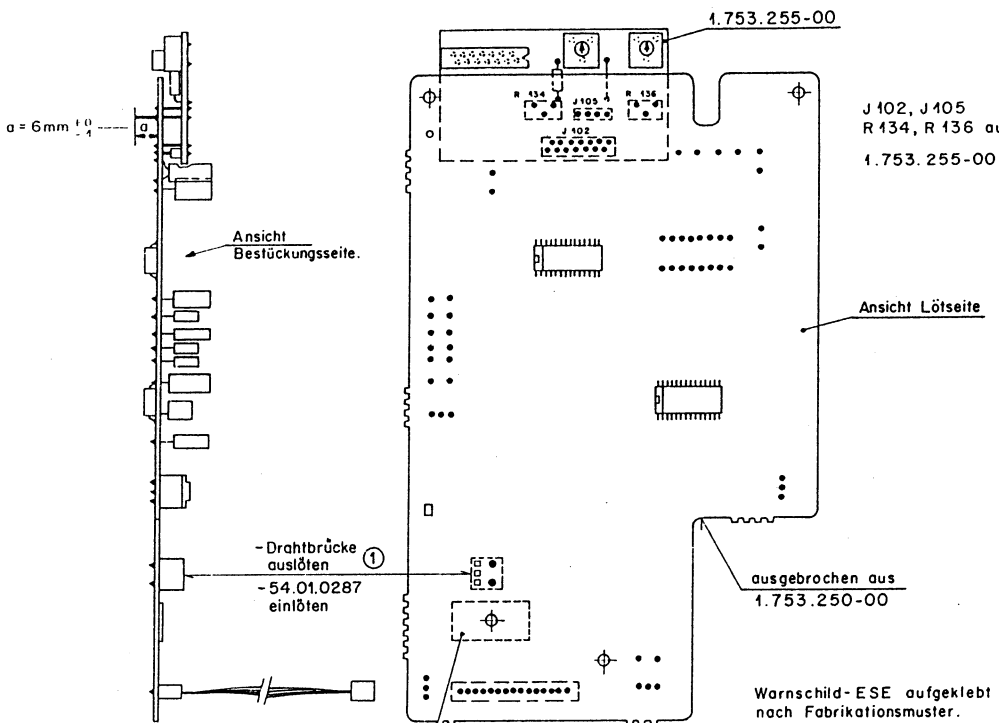
W1 = LL 1.753.230-93

Werkstoff	Norm-Nr.:	Oberfläche	Güte:	Änderung				3
	DIN-Bez.:		Beh.:					2
	Abmessung:							1
Zugehörige Unterlagen:		Freimasstoleranz: ±	Maßstab: —	Ausgabe	30.4.92			0
					Datum	Gez.	Gepr.	Ges. Index
Ersatz für:		Ersetzt durch:		Kopie für:				

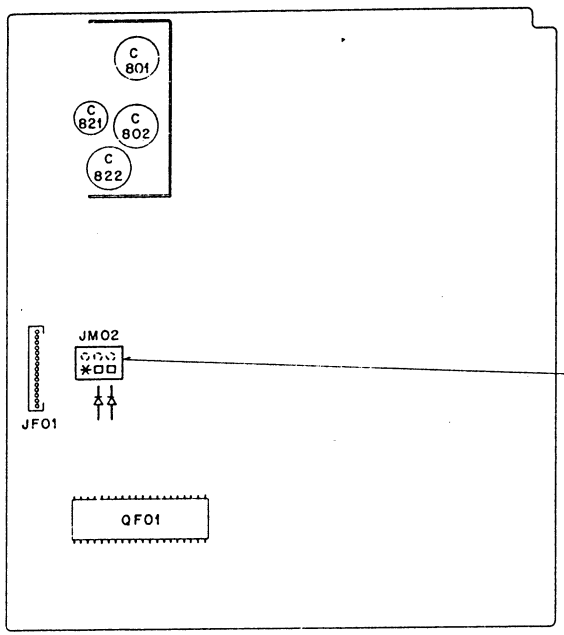
STUDER
REGENSDORF
ZÜRICH

Benennung: **COVER SENSOR UNIT**

Nummer: **1.753.230-00**



Werkstoff: Norm-Nr.: 1.753.250-00; DIN-Bez.; Abmessung:	Oberfläche: Güte: Beh.:		Änderung:	22.4.92	③ ② ①
Zugehörige Unterlagen:	Freimasstoleranz:	Maßstab: 1 : 1	Ausgabe: 2.3.92	Gez.	Gepr. Gas. Index ⓪
Ersatz für:	Ersetzt durch:		Kopie für:		
STUDER REGENSDORF ZÜRICH	Benennung: SERVO BOARD MODIFIED ESE		Nummer: 1.753.251-00		



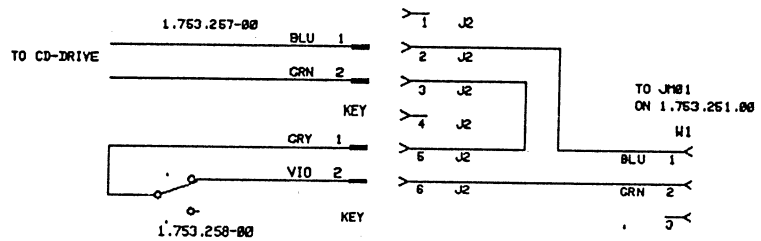
54.01.0287

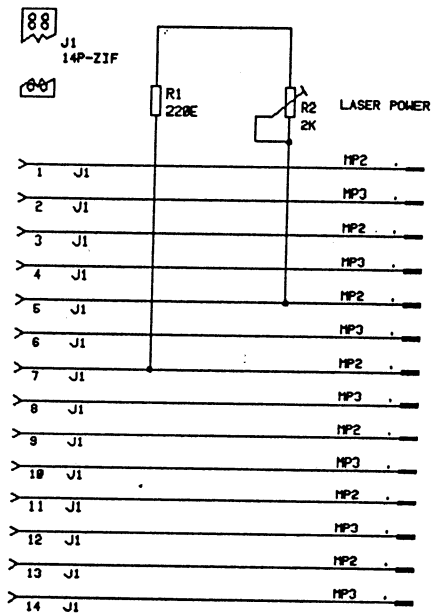
Print ausgebrochen von 1.753.250-00

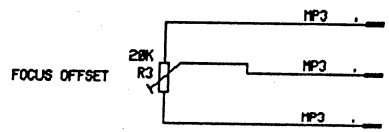
ESE-Warnschild 43.01.0108
Nr.-Etikette 43.02.0211
nach Muster aufgeklebt.

* Codierung: Schaltdraht 64.01.0104 ø 8x8

Werkstoff: Norm-Nr. / DIN-Bez. / Abmessung	Oberfläche: Güte: / Beh.		Änderung					③ ② ①
Zugehörige Unterlagen	Freimasstoleranz	Maßstab: —	Ausgabe	11.5.92 Datum	Gez	Gepr.	Ges.	⓪ Index
Ersatz für	Ersetzt durch:		Kopie für:					
STUDER REGENSDORF ZÜRICH	Benennung: CONVERTER BOARD MOD.		Nummer: 1.753.252-00					

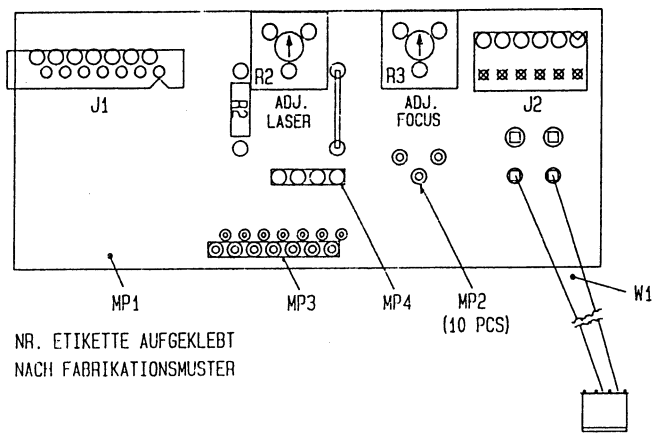






STUDER			REVOX AUDIO SYSTEMS DEPARTMENT
DATE	21/07/92	PS	
CHK.	/ /	-	FLEX JUMPER EXTENSION
REV.	/ /	-	
	/ /	-	CD-PLAYER -
FILE: 753258	21-Jul-92		1.753.256.00 SHEET 1 OF 1

R2, R3 IN MITTELSTELLUNG



NR. ETIKETTE AUFGEKLEBT
NACH FABRIKATIONSMUSTER

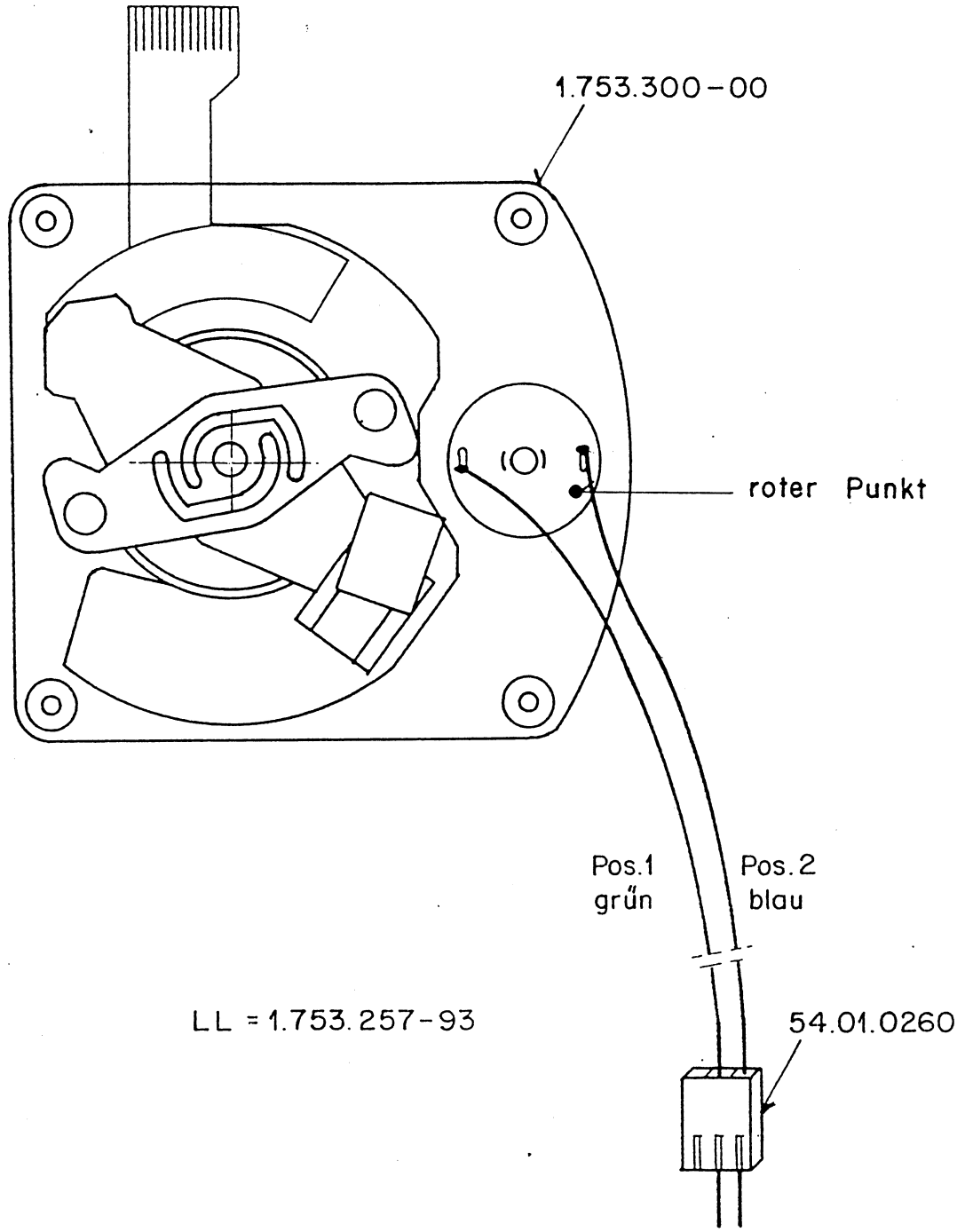
Werkstoff: Norm-Nr.; DIN-Bez.; Abmessung	Oberfläche: Güte; Beh.		Änderung	③ ② ①
Zugehörige Unterlagen: PL	Freimasstoleranz	Maßstab: 2 : 1	Ausgabe: 30.6.92 Datum / Gez. / Gepr. / Ges.	⓪ Index
Ersatz für:	Ersetzt durch:		Kopie für:	
STUDER REGENSDORF ZÜRICH	Benennung: FLEX JUMPER EXTENSION		Nummer: 1.753.256-00	

1.753.256.00 FLEX JUMPER EXTENSION

Ad	..Pos..	...Ref.No...	Description	
	J.....1	54.99.0217	14 pole	Jumper Socket MOLEX ZIF
	J.....2	54.01.0238	6 pole	CIS Socket
	MP....1	1.753.255.12	1 pcs	FLEX JUMPER EXTENSION PCB
01	MP....1	1.753.255.13	1 pcs	FLEX JUMPER EXTENSION PCB
	MP....2	1.010.020.54	10 pcs	Print Contact Single
	MP....3	53.03.0251	7 pcs	Print Contact Inline
	MP....4	54.11.0129	4 pcs	Print Contact l=12.7mm
	R.....1	57.11.3221	220 Ohm	2%, 0.25W, MF
	R.....2	58.01.8202	2 KOhm	10%, 0.5 W, lin trim Pot
	R.....3	58.01.8203	20 KOhm	10%, 0.5 W, lin trim Pot
	W.....1	1.753.190.04		Cable for CD drive

PS92/06/1700
PS92/09/2401

END

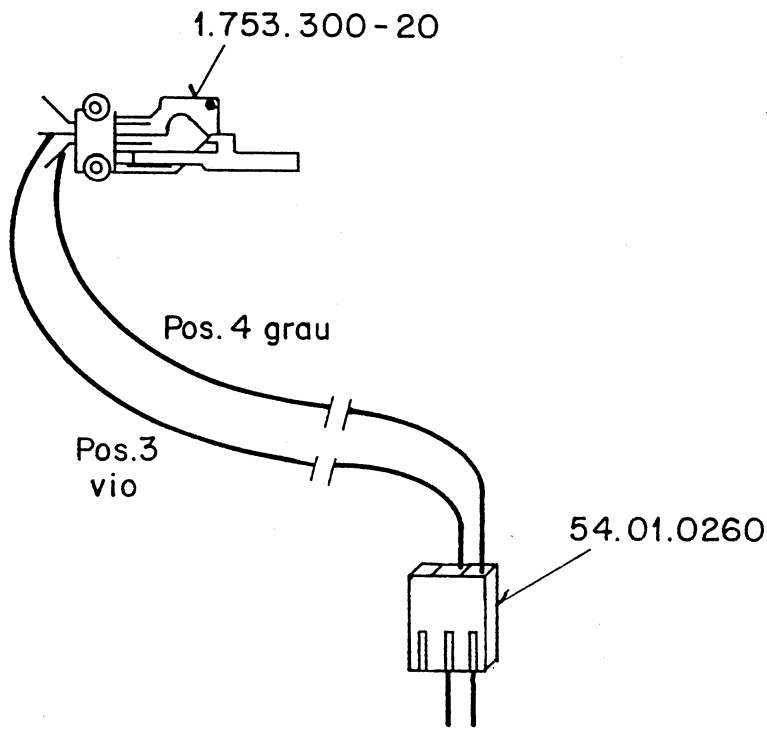


Werkstoff: Norm-Nr.: / DIN-Sez.: / Abmessung:	Oberfläche: Güte: / Beh.:		Änderung: 3 / 2 / 1
Zugehörige Unterlagen:	Freimasstoleranz: ±	Maßstab: —	Ausgabe: 6.7.92 Datum — Gez. — Gepr. — Ges. — Index: 0
Ersatz für:	Ersetzt durch:		Kopie für:

STUDER
REGENSDORF
ZÜRICH

Benennung: **Verdrahtung CD – Antrieb**

Nummer: **1.753.257-00**



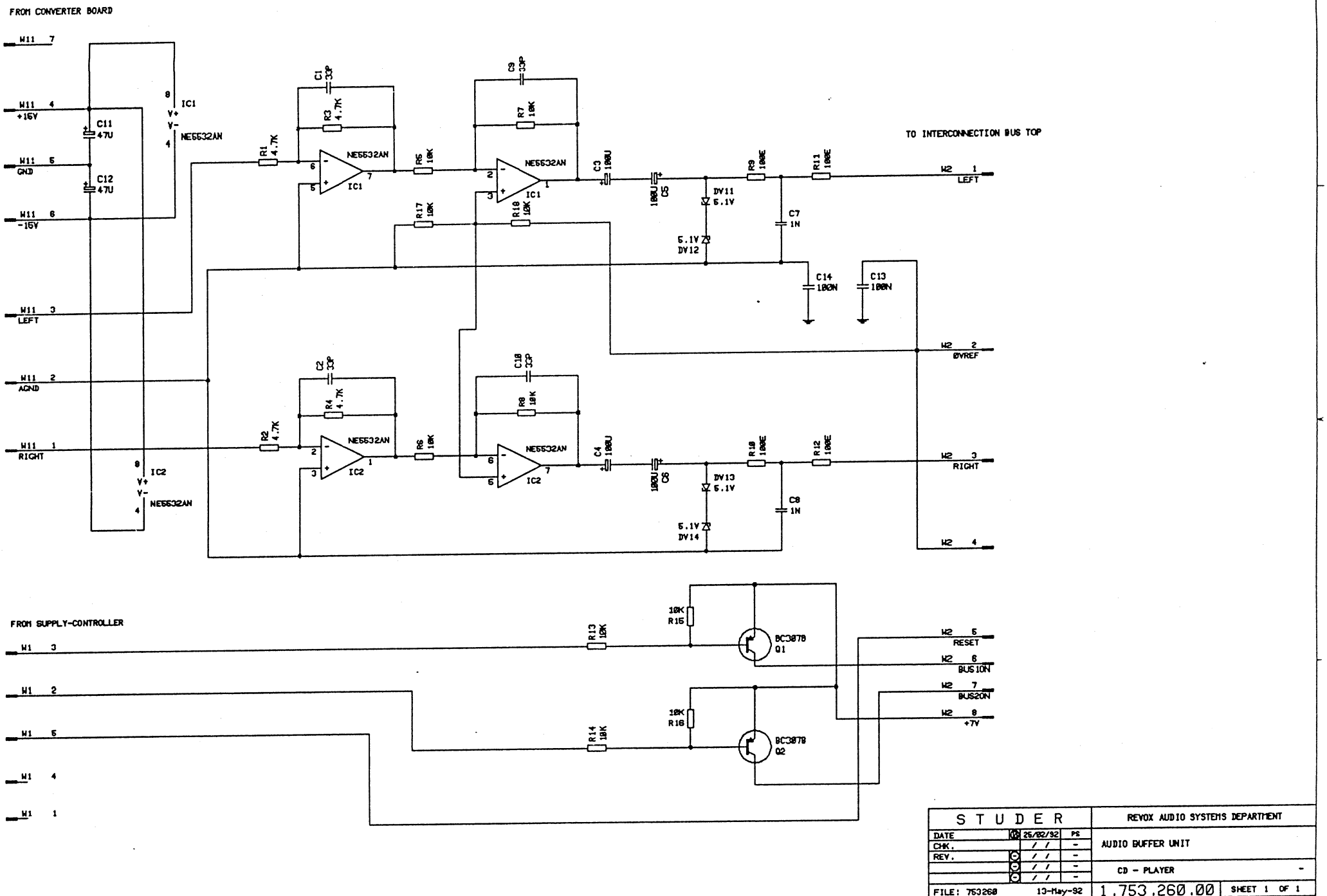
LL = 1.753.257-93

Werkstoff	Norm-Nr.:	Oberfläche	Güte:	Änderung					3
	DIN-Bez.:		Beh.:						2
	Abmessung:								1
Zugehörige Unterlagen:		Freimasstoleranz: ±	Maßstab: —	Ausgabe	6.7.92				0
					Datum	Gez.	Gepr.	Ges.	Inde
Ersatz für:		Ersetzt durch:		Kopie für:					

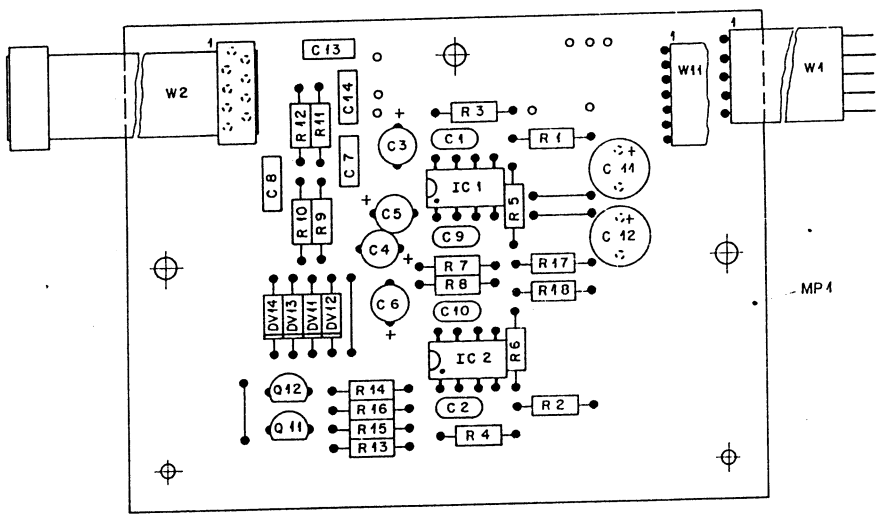
STUDER
REGENSDORF
ZÜRICH

Benennung: UNTERBRECHER KPL.

Nummer: 1.753.258-00



STUDER			REVOX AUDIO SYSTEMS DEPARTMENT
DATE	26/02/92	PS	AUDIO BUFFER UNIT
CHK.	/ /	-	
REV.	/ /	-	CD - PLAYER -
	/ /	-	
FILE: 753260	13-May-92		1.753.260.00 SHEET 1 OF 1



Schilder, MP 2 aufgeklebt
nach Fabrikationsmuster.

Werkstoff: Norm-Nr.; DIN-Bez.; Abmessung	Oberfläche: Güte; Beh.		Änderung						3 2 1
Zugehörige Unterlagen: PL	Freimasstoleranz: 1	Massstab: 2:1	Ausgabe	28.2.92					0
				Datum	Gez.	Gepr.	Ges.	Index	
Ersatz für:	Ersetzt durch:		Kopie für:						
STUDER REGENSDORF ZÜRICH	Benennung: AUDIO BUFFER UNIT ESE		Nummer: 1.753.260-00						

1.753.260.00 AUDIO BUFFER UNIT ESE

Ad ..Pos..	...Ref.No...	Description			
C.....1	59.34.2330	33 pF	5% , 63V , CER		
C.....2	59.34.2330	33 pF	5% , 63V , CER		
C.....3	59.22.3101	100 uF	-20% , 10V , EL		
C.....4	59.22.3101	100 uF	-20% , 10V , EL		
C.....5	59.22.3101	100 uF	-20% , 10V , EL		
C.....6	59.22.3101	100 uF	-20% , 10V , EL		
C.....7	59.06.0102	1 nF	10% , 63V , PETP		
C.....8	59.06.0102	1 nF	10% , 63V , PETP		
C.....9	59.34.2330	33 pF	5% , 63V , CER		
C....10	59.34.2330	33 pF	5% , 63V , CER		
C....11	59.22.5470	47 uF	-20% , 25V , EL		
C....12	59.22.5470	47 uF	-20% , 25V , EL		
C....13	59.06.0104	100 nF	10% , 63V , PETP		
C....14	59.06.0104	100 nF	10% , 63V , PETP		
DV...11	50.04.1112	5.1 V	Z, 400 mW	ITT	
DV...12	50.04.1112	5.1 V	Z, 400 mW	ITT	
DV...13	50.04.1112	5.1 V	Z, 400 mW	ITT	
DV...14	50.04.1112	5.1 V	Z, 400 mW	ITT	
IC....1	50.09.0106	NE5532AN	Dual Low noise OP-AMP	Sig	
IC....2	50.09.0106	NE5532AN	Dual Low noise OP-AMP	Sig	
MP....1	1.753.260.11	1 pcs	AUDIO BUFFER PCB	STU	
MP....2	43.01.0108	1 pcs	ESE Warning Label		
Q.....1	50.03.0515	BC 307B	PNP , TO92	ITT,TI	
Q.....2	50.03.0515	BC 307B	PNP , TO92	ITT,TI	
R.....1	57.11.3472	4.7 kOhm	2% , 0.25W , MF		
R.....2	57.11.3472	4.7 kOhm	2% , 0.25W , MF		
R.....3	57.11.3472	4.7 kOhm	2% , 0.25W , MF		
R.....4	57.11.3472	4.7 kOhm	2% , 0.25W , MF		
R.....5	57.11.3103	10 kOhm	2% , 0.25W , MF		
R.....6	57.11.3103	10 kOhm	2% , 0.25W , MF		
R.....7	57.11.3103	10 kOhm	2% , 0.25W , MF		
R.....8	57.11.3103	10 kOhm	2% , 0.25W , MF		
R.....9	57.11.3101	100 Ohm	2% , 0.25W , MF		
R....10	57.11.3101	100 Ohm	2% , 0.25W , MF		
R....11	57.11.3101	100 Ohm	2% , 0.25W , MF		
R....12	57.11.3101	100 Ohm	2% , 0.25W , MF		
R....13	57.11.3103	10 kOhm	2% , 0.25W , MF		
R....14	57.11.3103	10 kOhm	2% , 0.25W , MF		
R....15	57.11.3103	10 kOhm	2% , 0.25W , MF		
R....16	57.11.3103	10 kOhm	2% , 0.25W , MF		
R....17	57.11.3103	10 kOhm	2% , 0.25W , MF		
R....18	57.11.3103	10 kOhm	2% , 0.25W , MF		
W.....1	1.753.260.94		Jumper Lead 5-Pol (2.5mm) l=180mm	STU	
W.....2	1.753.260.01		Flat Cable 8-Pol (1.27mm) l=210mm	STU	
W....11	1.753.190.02		Jumper Lead 7-Pol (2.0mm) l=180mm	STU	

PS92/02/2100

EL=Electrolytic, CER=Ceramic, PETP=Polyester, SI=Silicon, MF=Metalfilm
PP=Polypropilen

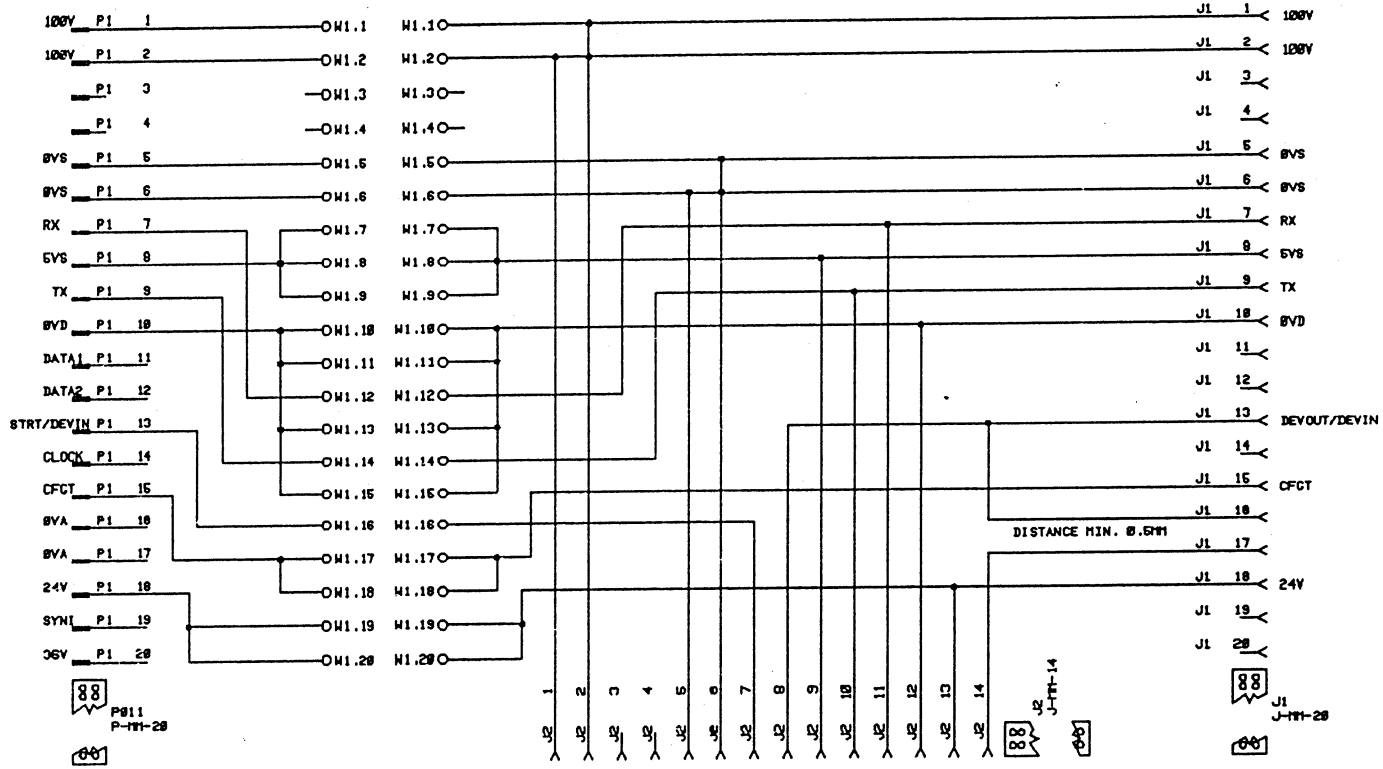
Manufacturer: TI=Texas Instruments, ITT
Mot=Motorola, Ph=Philips, Stu=Studer
Sig=Signetics
END

1.753.270.00 BUS CONNECTOR TOP

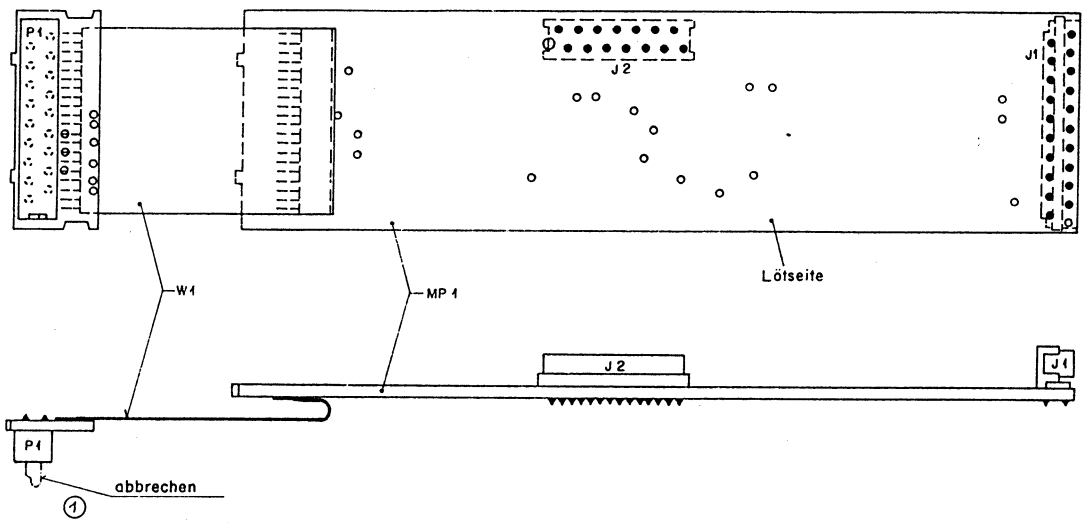
Ad	..Pos..	...Ref.No...	Description		
	IC....1	50.62.9066		HEF 4066B T	PH
	J.....1	54.14.5540	20-pole	Connector Micro Match	AMP
	J.....2	54.14.5508	8-pole	Connector Micro Match	AMP
	MP....1	1.753.270.11		BUS CONNECTOR TOP PCB	ST
	P.....1	54.14.5590	20-pole	Plug Micro Match	AMP
	R.....1	57.11.3104	100 k	1%, 0.25W, MF	
	R.....2	57.11.3104	100 k	1%, 0.25W, MF	
	W.....1	1.752.230.94		Cable List INTERCONNECTION	

PS92/02/1300

Manufacturer: Ph=Philips
St=Studer
END



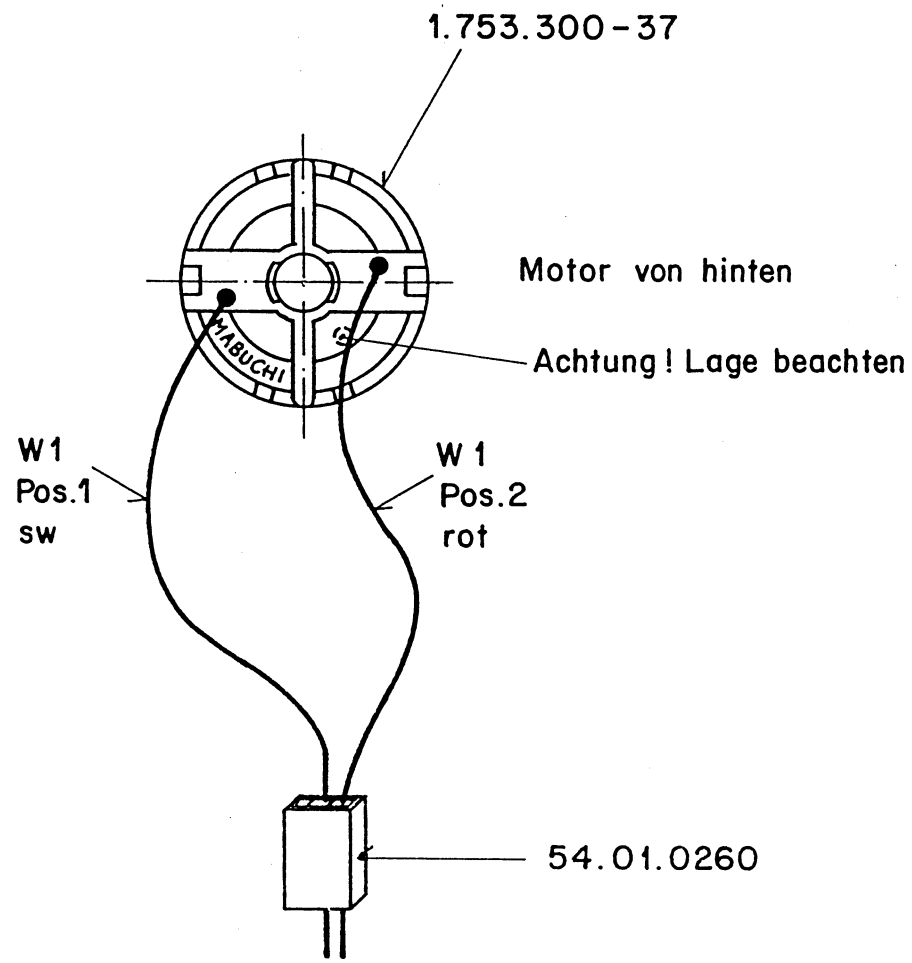
STUDER				REVOX AUDIO SYSTEMS DEPARTMENT
DATE	0	26/02/92	PS	
CHK.		/ /	-	INTERCONNECTION UNIT BOTTOM
REV.	1	22/04/92	PS	
	2	/ /	-	CD-PLAYER -
	3	/ /	-	
FILE: 753280		27-Apr-92		1.753.280.00 SHEET 1 OF 1



Nr. Etikette

nach Fabrikationsmuster aufgeklebt.

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.:		Änderung						③
									②
			27.7.92						①
Zugehörige Unterlagen: PL	Freimasstoleranz: ±	Maßstab: 2:1	Ausgabe	28.2.92					⓪
				Datum	Gez.	Gepr.	Ges.	Index	
Ersatz für:	Ersetzt durch:		Kopie für:						
STUDER REGENSDORF ZÜRICH	Benennung: BUS CONNECTOR BOTTOM		Nummer: 1.753.280-00						



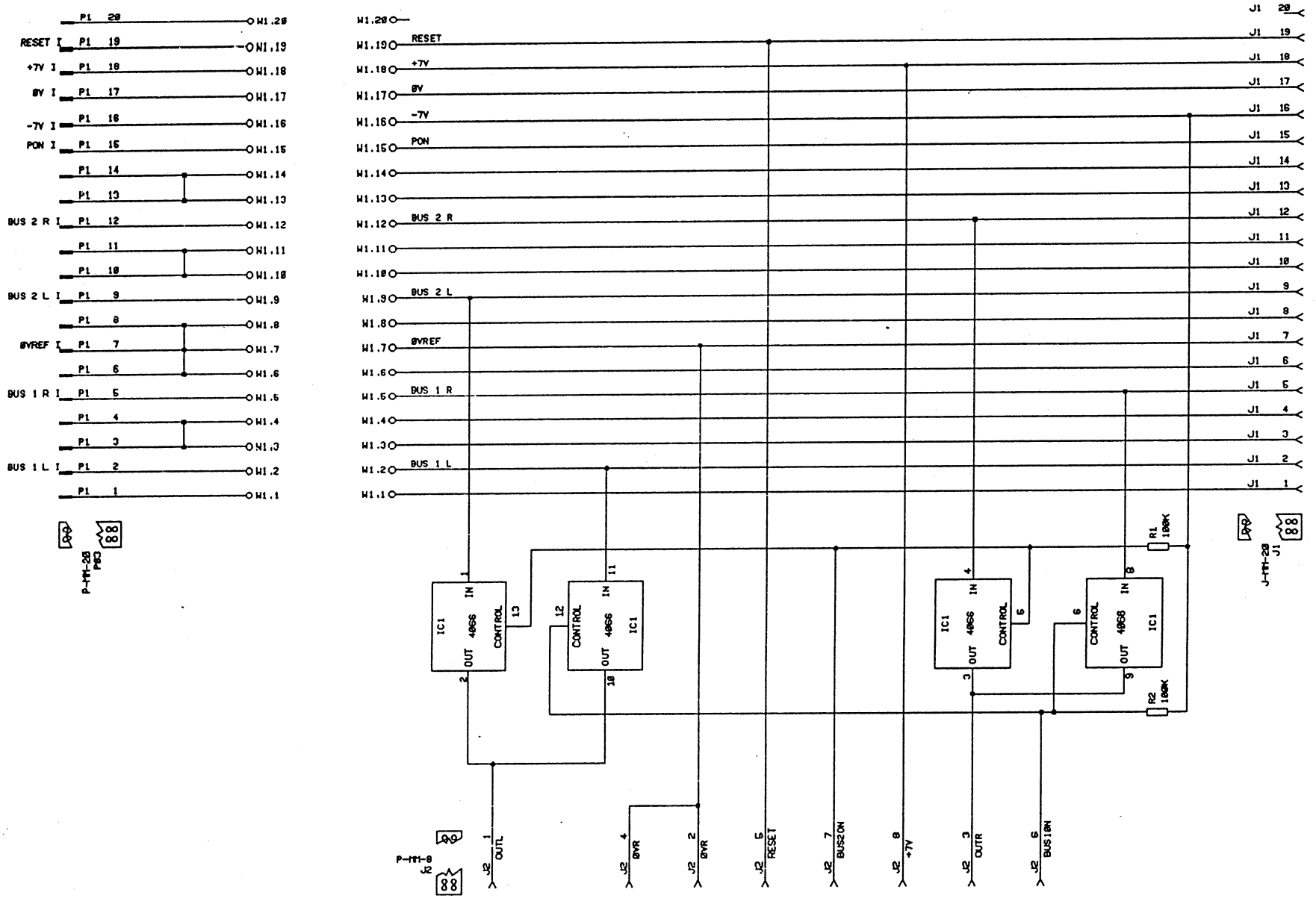
W1 = LL 1.753.352-93

Werkstoff	Norm-Nr.:	Oberfläche	Güte:	Änderung					③
	DIN-Bez.:		Beh.:						②
	Abmessung:								①
Zugehörige Unterlagen:		Freimasstoleranz: ±	Maßstab: 1 : 1	Ausgabe	8.5.92				⓪
					Datum	Gez.	Gepr.	Ges.	Index
Ersatz für:		Ersetzt durch:		Kopie für:					

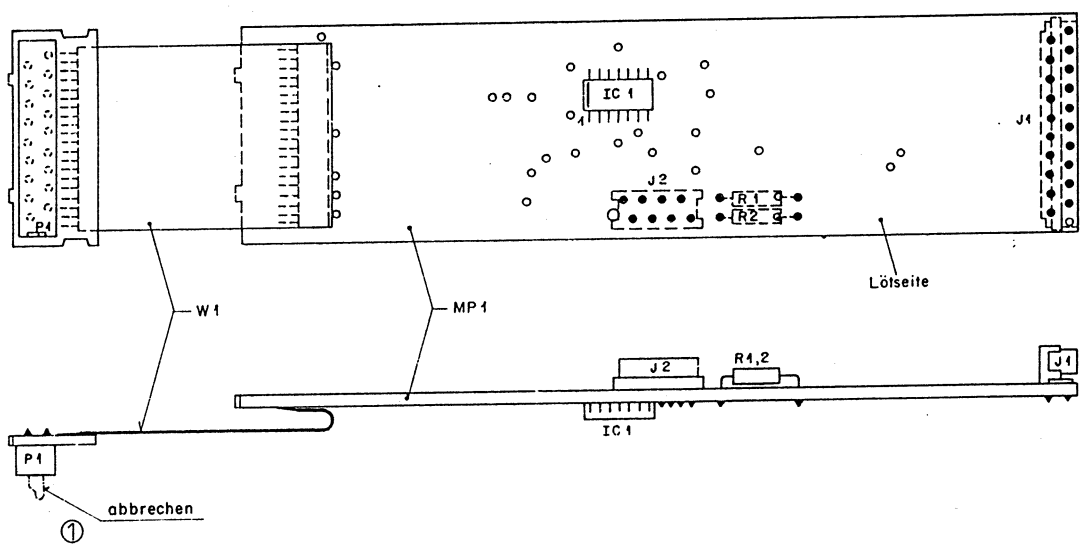
STUDER
REGENSDORF
ZÜRICH

Benennung: **Motor kpl.**

Nummer: **1.753.352-00**



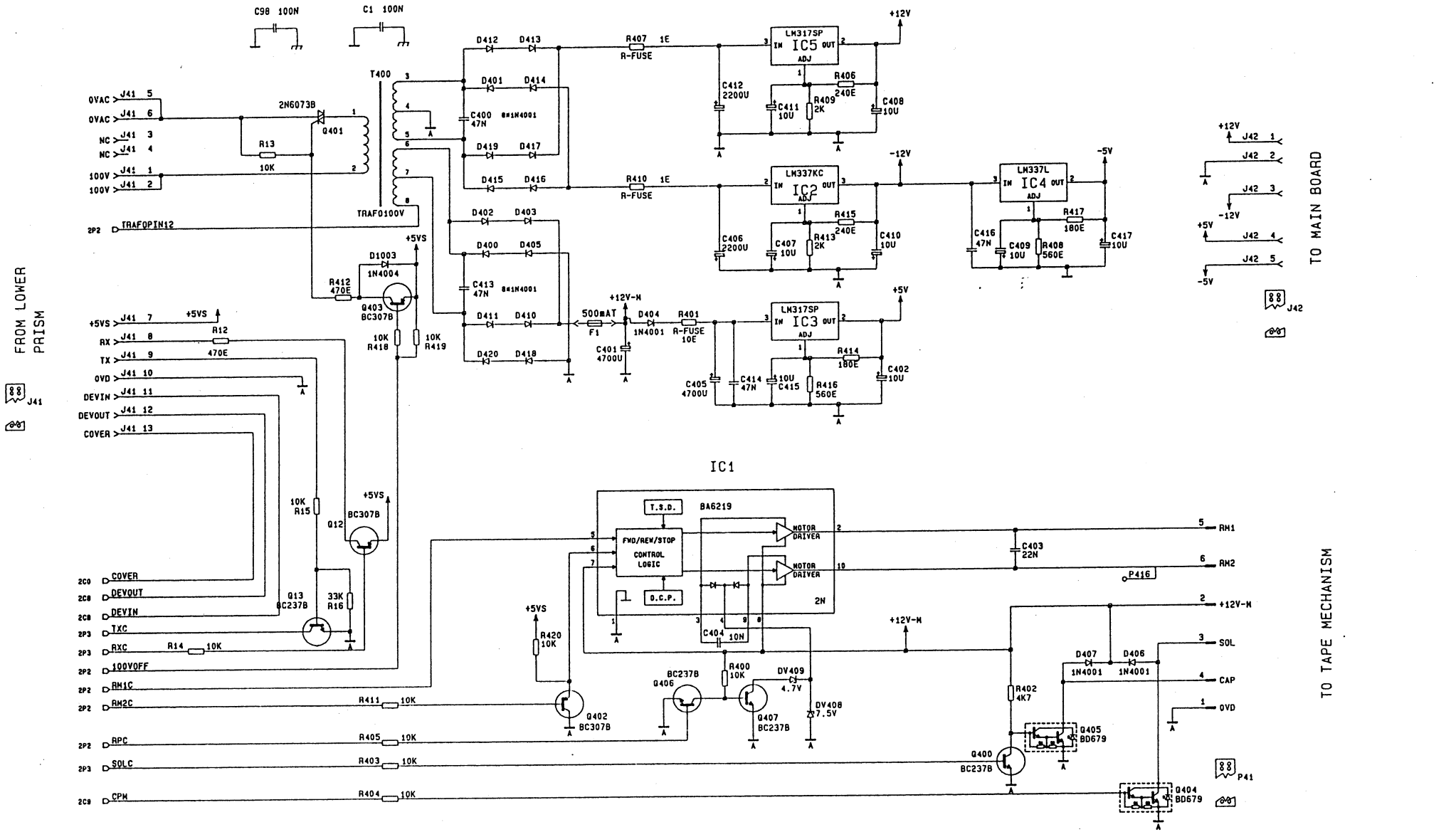
STUDER			REVOX AUDIO SYSTEMS DEPARTMENT
DATE	24/02/92	PS	
CHK.	/ /	-	INTERCONNECTION UNIT TOP
REV.	/ /	-	
	/ /	-	CD - PLAYER -
	/ /	-	
FILE: 753270	24-Feb-92		1.753.270.00 SHEET 1 OF 1



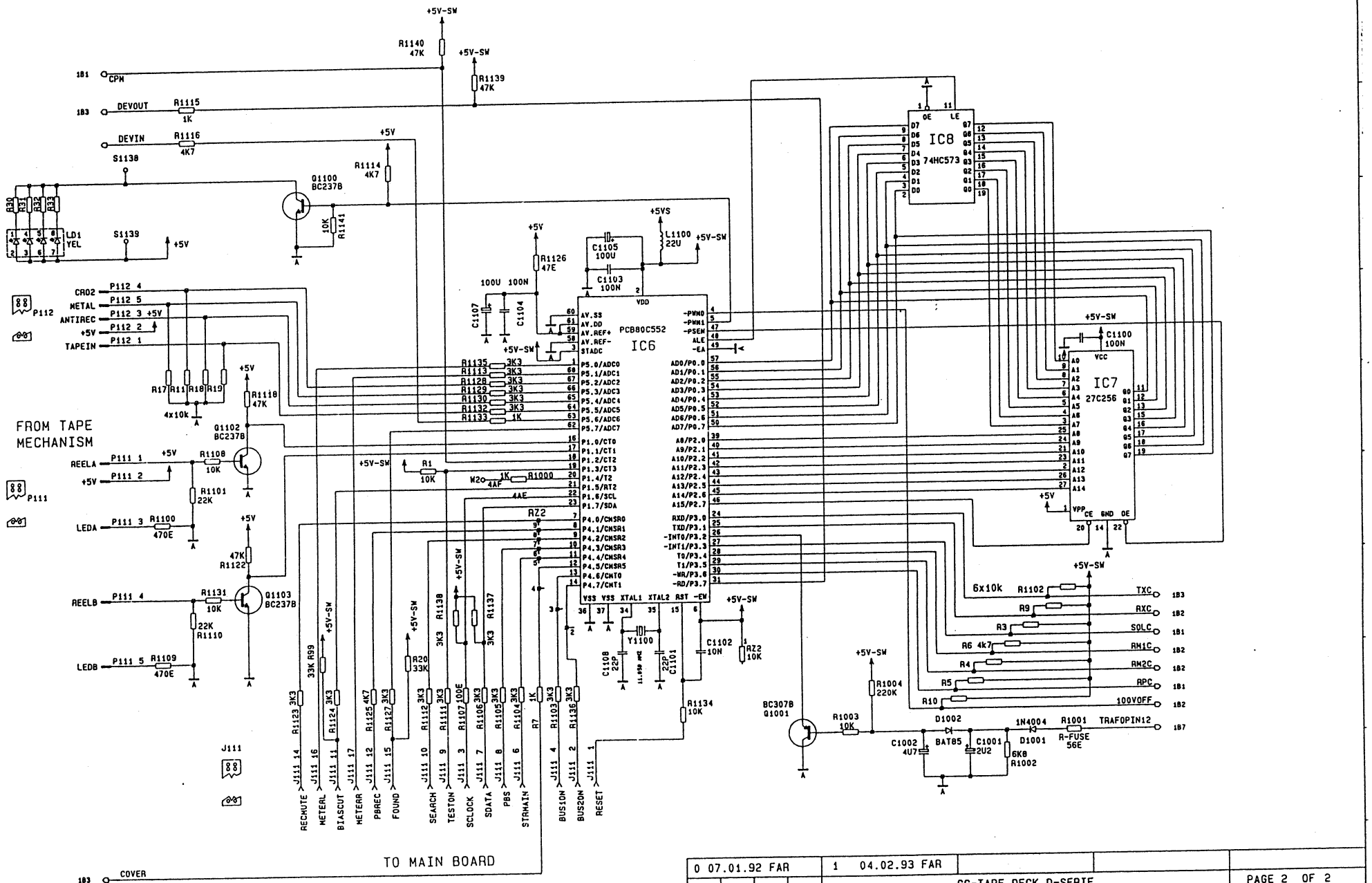
Nr. Etikette /ESE – Warnschild

nach Fabrikationsmuster aufgeklebt.

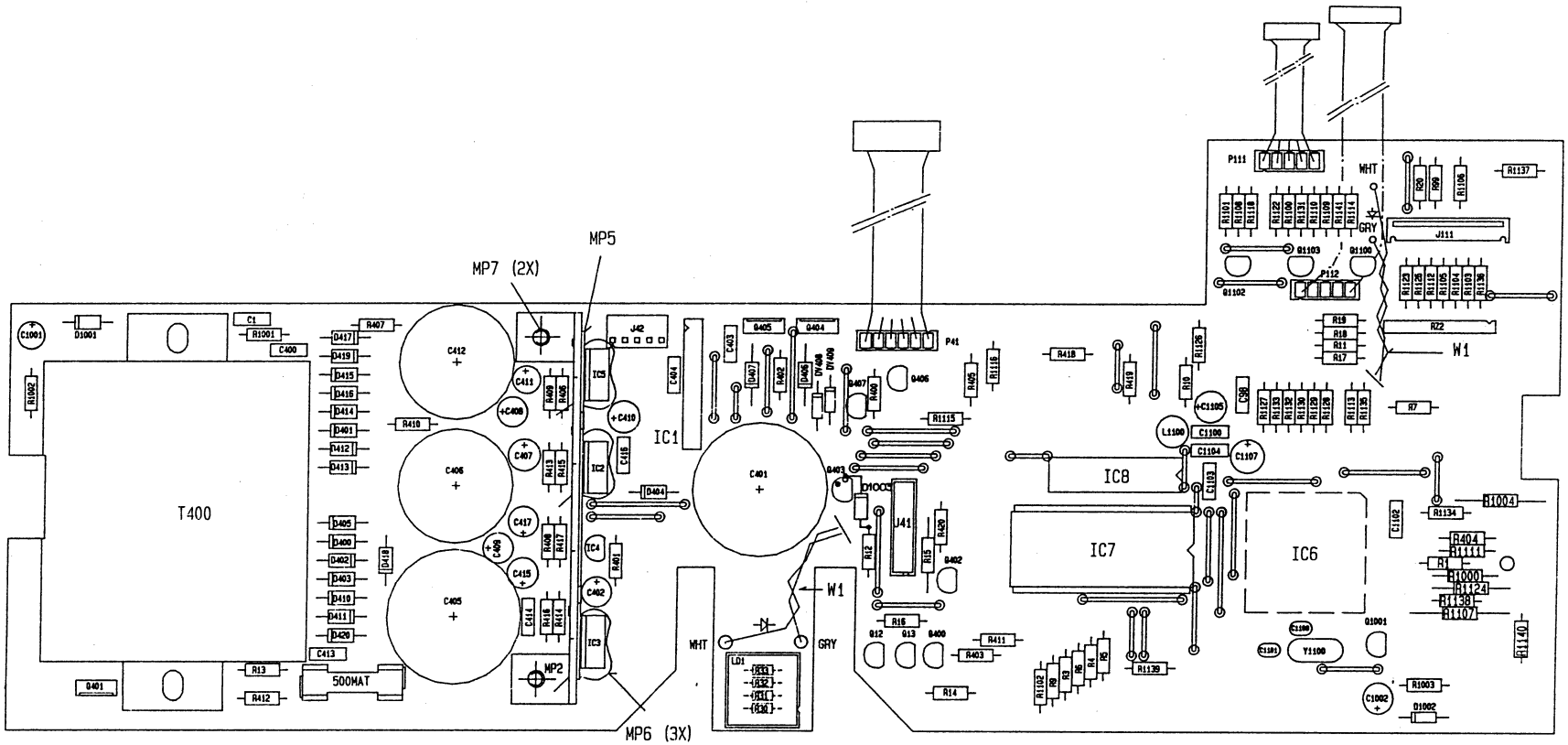
Werkstoff: Norm-Nr.:		Oberfläche: Güte:		Änderung					③
DIN-Bez.:		Beh.:							②
Abmessung:					27.7.92				①
Zugehörige Unterlagen: PL	Freimasstoleranz: ±	Maßstab: 2:1		Ausgabe	29.2.92				⓪
					Datum	Gez.	Gepr.	Ges.	Index
Ersatz für:	Ersetzt durch:			Kopie für:					
STUDER REGENSDORF ZÜRICH	Benennung: BUS CONNECTOR TOP			Nummer: 1.753.270-00					



0 07.01.92 FAR	1 04.02.93 FAR		
	CC-TAPE DECK D-SERIE		PAGE 1 OF 2
REVOX	POWER SUPPLY BOARD		1.755.200-21



0 07.01.92 FAR	1 04.02.93 FAR		
	CC-TAPE DECK D-SERIE		PAGE 2 OF 2
REVOX	POWER SUPPLY BOARD		1.755.200-21



SCHILDER MP3, 4 AUFGEKLEBT
NACH FABRIKATIONSMUSTER.

① D1003 neu dazu

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.:		Änderung: ③ ② ① 4.2.93
Zugehörige Unterlagen: PL, LL	Freimaßtoleranz: ±	Maßstab: 2:1	Ausgabe: ⑥ 11.6.92 Datum, Ges., Gepr., Ges., Index
Ersatz für:	Ersetzt durch:		Kopie für:
STUDER REGENSDORF ZÜRICH	Benennung: POWER SUPPLY BOARD D-MC ESE		Nummer: 1.755.200-21

1.755.200.21 POWER SUPPPLY BOARD 1/2

Ad	..Pos..	...Ref.No...	Description					
	C.....1	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C....98	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C...400	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...401	59.22.5472	4700u	,	-20/+50%,	25V,	59.22-P	
	C...402	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...403	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...404	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C...405	59.22.5472	4700u	,	-20/+50%,	25V,	59.22-P	
	C...406	59.22.6222	2200u	,	20%,	40V,	59.22-N	
	C...407	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...408	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...409	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...410	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...411	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...412	59.22.6222	2200u	,	20%,	40V,	59.22-N	
	C...413	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...414	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...415	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...416	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...417	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C..1001	59.22.8229	2u2	,	-20/+50%,	50V,	59.22-Q	
	C..1002	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C..1100	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C..1101	59.34.2220	22p	,	5%,	63V,	59.34-1,	N150
	C..1102	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C..1103	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C..1104	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C..1105	59.22.3101	100u	,	-20/+50%,	10V,	59.22-R	
	C..1107	59.22.3101	100u	,	-20/+50%,	10V,	59.22-R	
	C..1108	59.34.2220	22p	,	5%,	63V,	59.34-1,	N150
	D...400	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...401	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...402	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...403	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...404	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...405	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...406	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...407	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...410	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...411	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...412	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...413	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...414	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...415	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...416	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...417	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...418	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...419	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...420	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D..1001	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D..1002	50.04.0127	BAT85	,	DO35, SCHOTTKY			
01	D..1003	50.04.0105	1N4004	,	DO41,RECTIFIER			
	DLZ...1	50.04.2852	YEL	,	QUAD-LED ARRAY			
	DV..408	50.04.1103	7.5V	,	5%,	0.5W,	DO35,	ZENER
	DV..409	50.04.1123	4.7V	,	5%,	0.5W,	DO35,	ZENER
	F.....1	51.01.0114	500mAT	,	FUSE SLOW BLOW 5*20			
	IC....1	1.721.490.18	BA6219	,	SIP10,MOTOR DRIVER			
	IC....2	50.10.0105	LM337KC	,	TO220-9,SER. REG. -1			
	IC....3	50.10.0104	LM317SP	,	TO220,VOLTAGE REG. +1			
	IC....4	50.10.0109	LM337L	,	TO92,3-TERMINAL ADJ. REGULATOR			
	IC....5	50.10.0104	LM317SP	,	TO220,VOLTAGE REG. +1			
	IC....6	50.63.0005	PCB80C552	,	PLCC68,8-BIT MICROCONTR			
	IC....7	1.755.202.20	27C256	,	32K * 8 CMOS EPROM D-MC 50.14.2004			
	IC....8	50.17.1573	74HC573	,	DIP20,OCTAL D-TYP LATCH			
	J....41	54.14.5584	14-P	,	VERT, MALE , 54145584,J-MICRO-M			
	J....42	54.12.0405	5-P	,	RM2.50, FEM., J-WX,TOP-CONNE			
	J...111	1.721.490.09	17-P	,	FCC/FPC CONNECTOR MOLEX			
	L..1100	62.02.3100	10u	,	10%,0E8 (OHM), 62023-1, HF-CHOKE			
	MP....1	1.755.200.14	1PCS	,	POWER SUPPLY PCB			
	MP....2	1.724.240.01	1PCS	,	P65014, HEATSINK			
	MP....3	43.01.0108	1PCS	,	ESE WARNING LABEL			
	MP....4	1.755.200.01	1PCS	,	NUMBER LABEL			
	MP....5	1.724.240.02	1PCS	,	THERMOPLASTIC FOIL			
	MP....6	50.20.2004	3PCS	,	MOUNTING CLIPS			
	MP....7	21.30.0354	2PCS	,	SCREW M3*6			
	P....41	1.755.300.11	6P	,	CABLE PLUG			
	P...111	1.755.300.13	5P	,	CABLE PLUG			
	P...112	1.755.300.12	5P	,	CABLE PLUG			
	Q....12	50.03.0515	BC307B	,	PNP, TO92-1			
	Q....13	50.03.0436	BC237B	,	NPN, TO92-1			
	Q...400	50.03.0436	BC237B	,	NPN, TO92-1			
	Q...401	50.99.0119	2N6073B	,	4.0A, 400V, TO126, TRIAC			
	Q...402	50.03.0515	BC307B	,	PNP, TO92-1			
	Q...403	50.03.0515	BC307B	,	PNP, TO92-1			
	Q...404	50.03.0504	BD679	,	NPN, TO126-1,DARLINGTON			
	Q...405	50.03.0504	BD679	,	NPN, TO126-1,DARLINGTON			
	Q...406	50.03.0436	BC237B	,	NPN, TO92-1			
	Q...407	50.03.0436	BC237B	,	NPN, TO92-1			
	Q..1001	50.03.0515	BC307B	,	PNP, TO92-1			
	Q..1100	50.03.0436	BC237B	,	NPN, TO92-1			
	Q..1102	50.03.0436	BC237B	,	NPN, TO92-1			
	Q..1103	50.03.0436	BC237B	,	NPN, TO92-1			
	R.....1	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R.....3	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R.....4	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R.....5	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R.....6	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
	R.....7	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
	R.....9	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....10	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....11	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....12	57.11.3471	470E	,	1%,	0.6W,	0207,	MF
	R....13	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....14	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....15	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....16	57.11.3333	33k	,	1%,	0.6W,	0207,	MF
	R....17	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....18	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....19	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R....20	57.11.3333	33k	,	1%,	0.6W,	0207,	MF
	R....30	57.11.3181	180E	,	1%,	0.6W,	0207,	MF
	R....31	57.11.3181	180E	,	1%,	0.6W,	0207,	MF
	R....32	57.11.3181	180E	,	1%,	0.6W,	0207,	MF
	R....33	57.11.3181	180E	,	1%,	0.6W,	0207,	MF
01	R....30	57.10.3181	180E	,	1%,	0.4W,	0204,	MF
01	R....31	57.10.3181	180E	,	1%,	0.4W,	0204,	MF
01	R....32	57.10.3181	180E	,	1%,	0.4W,	0204,	MF
01	R....33	57.10.3181	180E	,	1%,	0.4W,	0204,	MF
	R....99	57.11.3333	33k	,	1%,	0.6W,	0207,	MF
	R...400	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...401	57.19.0100	10E	,	5%,	0.33W,	0207,	R-FUSE
	R...402	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
	R...403	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...404	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...405	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...406	57.11.3241	240E	,	1%,	0.6W,	0207,	MF
	R...407	57.19.0109	1E	,	5%,	0.33W,	0207,	R-FUSE
	R...408	57.11.3561	560E	,	1%,	0.6W,	0207,	MF
	R...409	57.11.3202	2k	,	1%,	0.6W,	0207,	MF
	R...410	57.19.0109	1E	,	5%,	0.33W,	0207,	R-FUSE
	R...411	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...412	57.11.3471	470E	,	1%,	0.6W,	0207,	MF
	R...413	57.11.3202	2k	,	1%,	0.6W,	0207,	MF
	R...414	57.11.3181	180E	,	1%,	0.6W,	0207,	MF
	R...415	57.11.3241	240E	,	1%,	0.6W,	0207,	MF
	R...416	57.11.3561	560E	,	1%,	0.6W,	0207,	MF
	R...417	57.11.3181	180E	,	1%,	0.6W,	0207,	MF
	R...418	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...419	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R...420	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R..1000	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
	R..1001	57.19.0560	56E	,	5%,	0.33W,	0207,	R-FUSE
	R..1002	57.11.3682	6k8	,	1%,	0.6W,	0207,	MF
	R..1003	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R..1004	57.11.3224	220k	,	1%,	0.6W,	0207,	MF
	R..1100	57.11.3471	470E	,	1%,	0.6W,	0207,	MF
	R..1101	57.11.3223	22k	,	1%,	0.6W,	0207,	MF
	R..1102	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R..1103	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1104	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1105	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1106	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1107	57.11.3101	100E	,	1%,	0.6W,	0207,	MF
	R..1108	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
	R..1109	57.11.3471	470E	,	1%,	0.6W,	0207,	MF
	R..1110	57.11.3223	22k	,	1%,	0.6W,	0207,	MF
	R..1111	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1112	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1113	57.11.3332	3k3	,	1%,	0.6W,	0207,	MF
	R..1114	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
	R..1115	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
	R..1116	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
	R..1118	57.11.3473	47k	,	1%,	0.6W,	0207,	MF
	R..1122	57.11.3473	47k	,	1%,	0.6W,	0207,	MF

1.755.200.21 POWER SUPPPLY BOARD 2/2

R..1123	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1124	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1125	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1126	57.11.3470	47E	,	1%,	0.6W,	0207, MF
R..1127	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1128	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1129	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1130	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1131	57.11.3103	10k	,	1%,	0.6W,	0207, MF
R..1132	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1133	57.11.3102	1k	,	1%,	0.6W,	0207, MF
R..1134	57.11.3103	10k	,	1%,	0.6W,	0207, MF
R..1135	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1136	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1137	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1138	57.11.3332	3k3	,	1%,	0.6W,	0207, MF
R..1139	57.11.3473	47k	,	1%,	0.6W,	0207, MF
R..1140	57.11.3473	47k	,	1%,	0.6W,	0207, MF
R..1141	57.11.3103	10k	,	1%,	0.6W,	0207, MF
RZ....2	57.88.4103	10k	,	2%,	0.125W,	SIP09, 8 * 10K
T...400	1.755.300.10	TRAFO	,	P27043,TRAFO 100V		
W.....1	1.755.200.93			WIRE SET POWER SUPPLY BOARD		
XF...41	53.03.0142		,	53030142,FUSE-CLIP		
XF...42	53.03.0142		,	53030142,FUSE-CLIP		
XIC...7	53.03.0173	DIL28 SOC		KET FOR IC 7		
Y..1100	89.01.1004	11.059MHZ	,	PAR., 89011-2B,HC18/43/49/U VERT.		

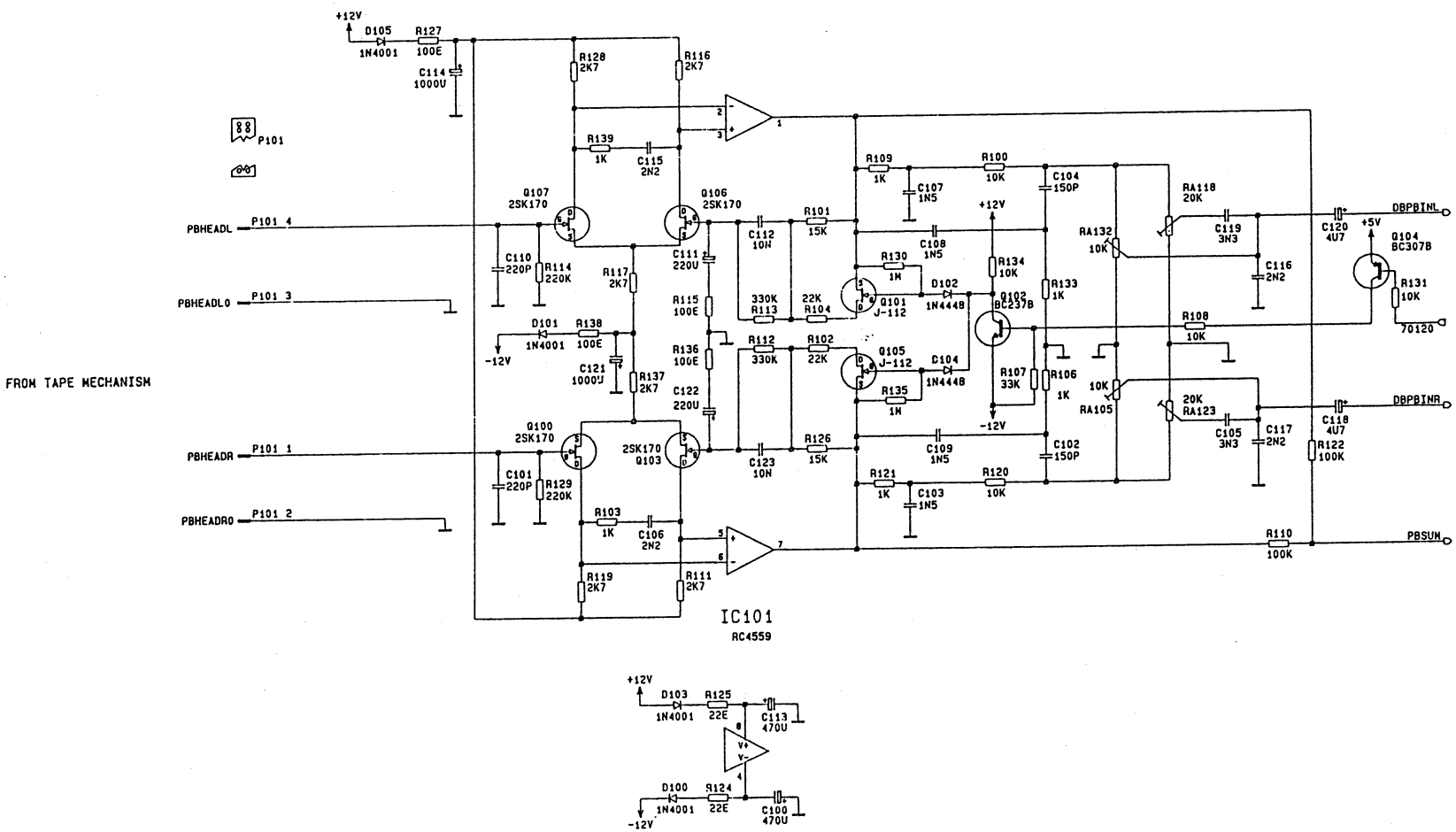
MF=Metalfilm
CF=Carbonfilm
Cerm=Cermet
Cer=Ceramic
PETP=Polyester
PP=Polypropylen
Tri=Trimmer
El=Electrolytic
Si=Silizium
MANUFACTURER: Sie=Siemens, RCA=Radio Corporation Of America, TDK=TDK,
Mot=Motorola, Ph=Philips, NS=National Semiconductors,
Stettner=Stettner, Dam=Dam Electronic, Com=Componex,
Hi= Hirschmann, Del=Delevan,
END

1.755.210.00 EJECT CONTROL BOARD D-MC

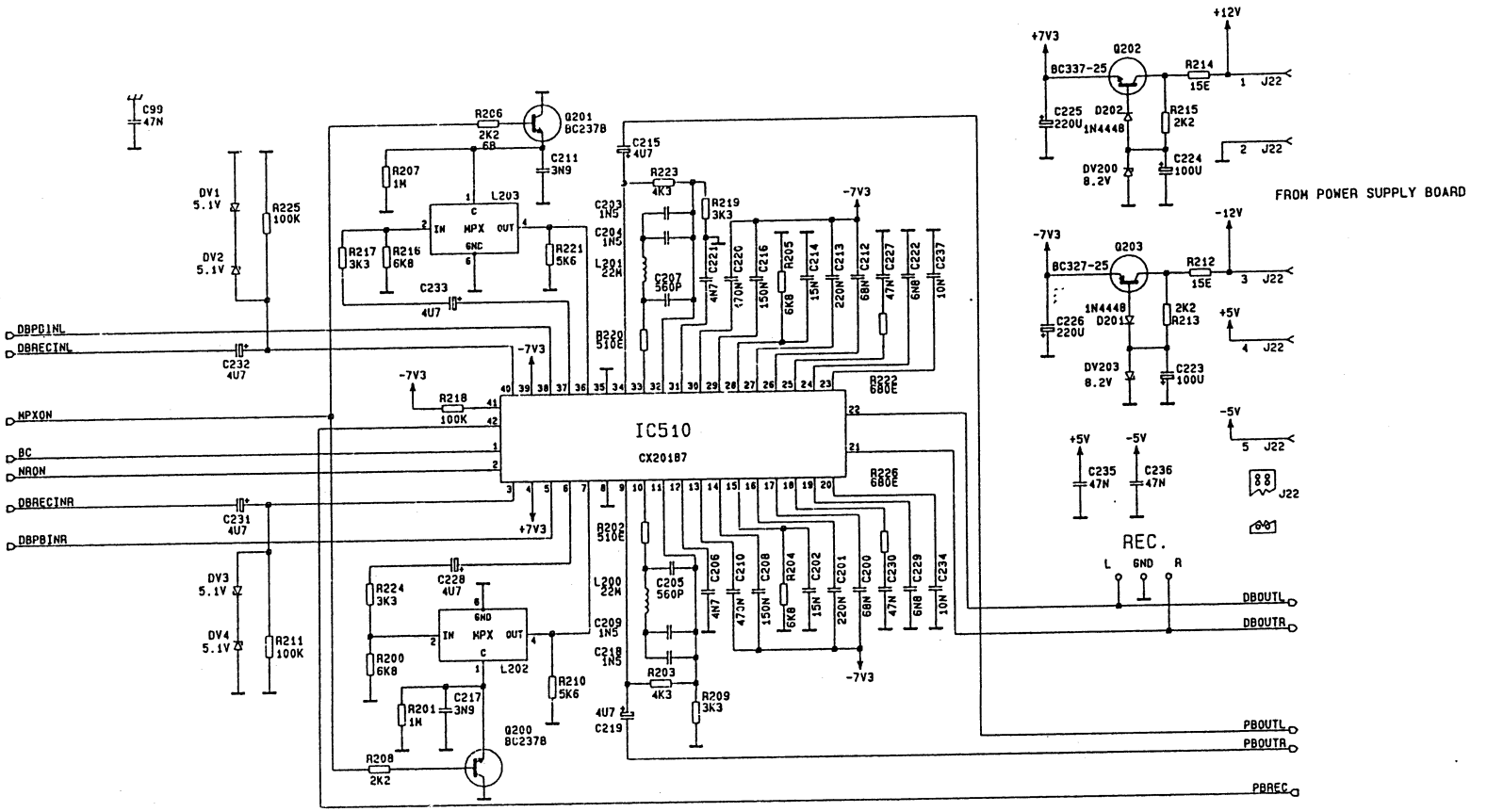
Ad	..Pos..	...Ref.No...	Description		
	C.....7	59.22.6472	4.7 m	-20% , 40V , EL	
	D.....2	50.04.0122	1N4001	1A, 100V silicon diode	
	D.....3	50.04.0122	1N4001	1A, 100V silicon diode	
	DZ....1	50.04.1135	3.6 V	5% @ 5mA zener diode	
	J.....1	54.14.5514	14 Pin	J-Micro-Match fem. vert.	Molex
	J.....2	54.14.5534	14 Pin	J-Micro-Match fem. vert.	Molex
	MP....1	1.755.210.11	1 pcs	Eject Control PCB D-MC	REVOX
	MP....2	1.755.210.00	1 pcs	Number Label	REVOX
	P.....1	54.02.0471	1 Pin	Plug	
	Q.....2	50.03.0515	BC557B	General Purpose PNP	
	Q.....3	50.03.0523	ZTX651	ICM=2A hFE>70 NPN SW	Zilog
	R.....8	57.19.0101	100	5%, 0.25W Fusible resistor	
	R.....9	57.11.3103	10 k	5%, 0.25W MF	
	R....10	57.11.3103	10 k	5%, 0.25W MF	
	R....11	57.11.3151	150	5%, 0.25W MF	
	R....12	57.11.3333	33 k	5%, 0.25W MF	
	W.....1	1.755.210.93		Wire Set Eject Cntl D-MC	REVOX

SI92/07/0600

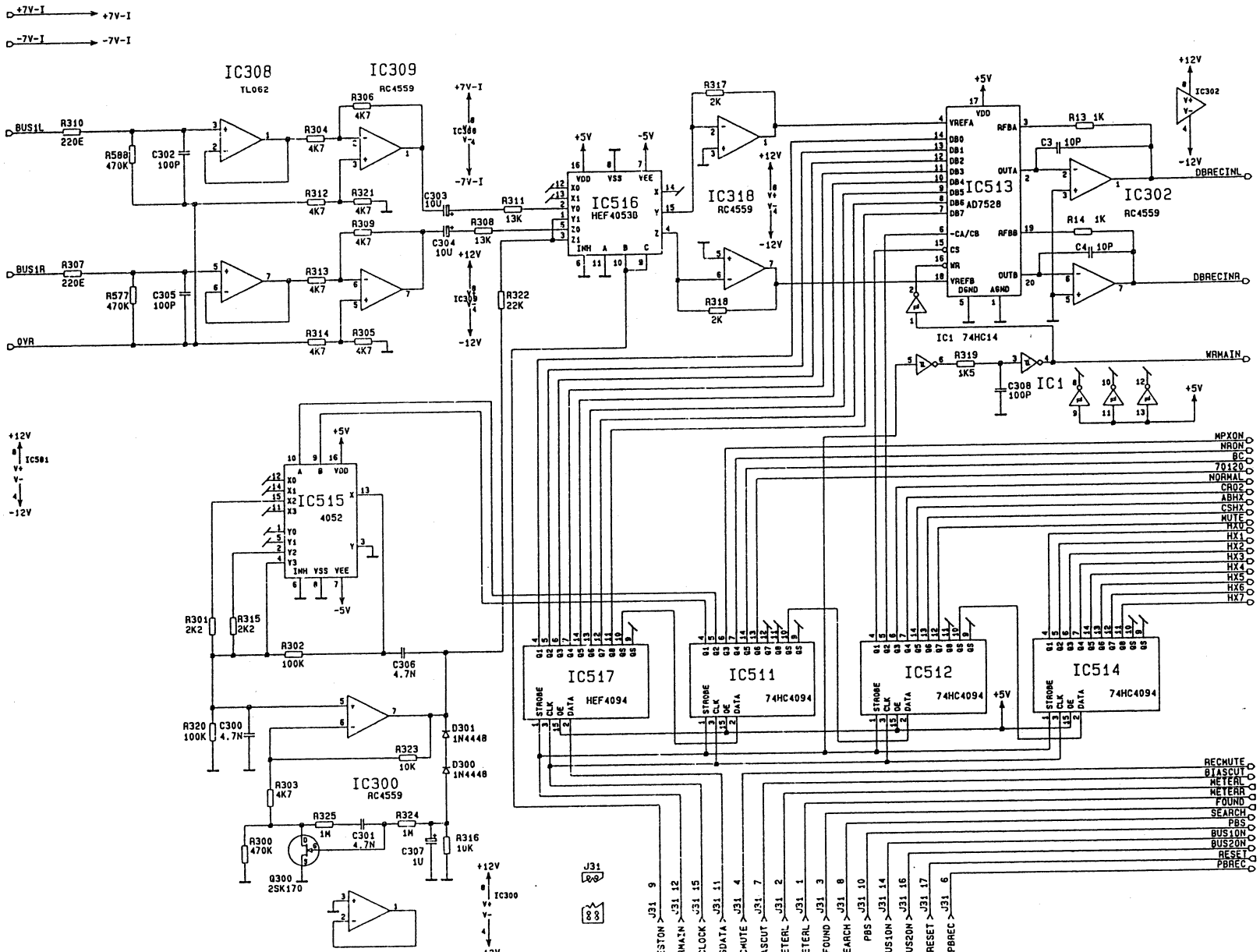
END



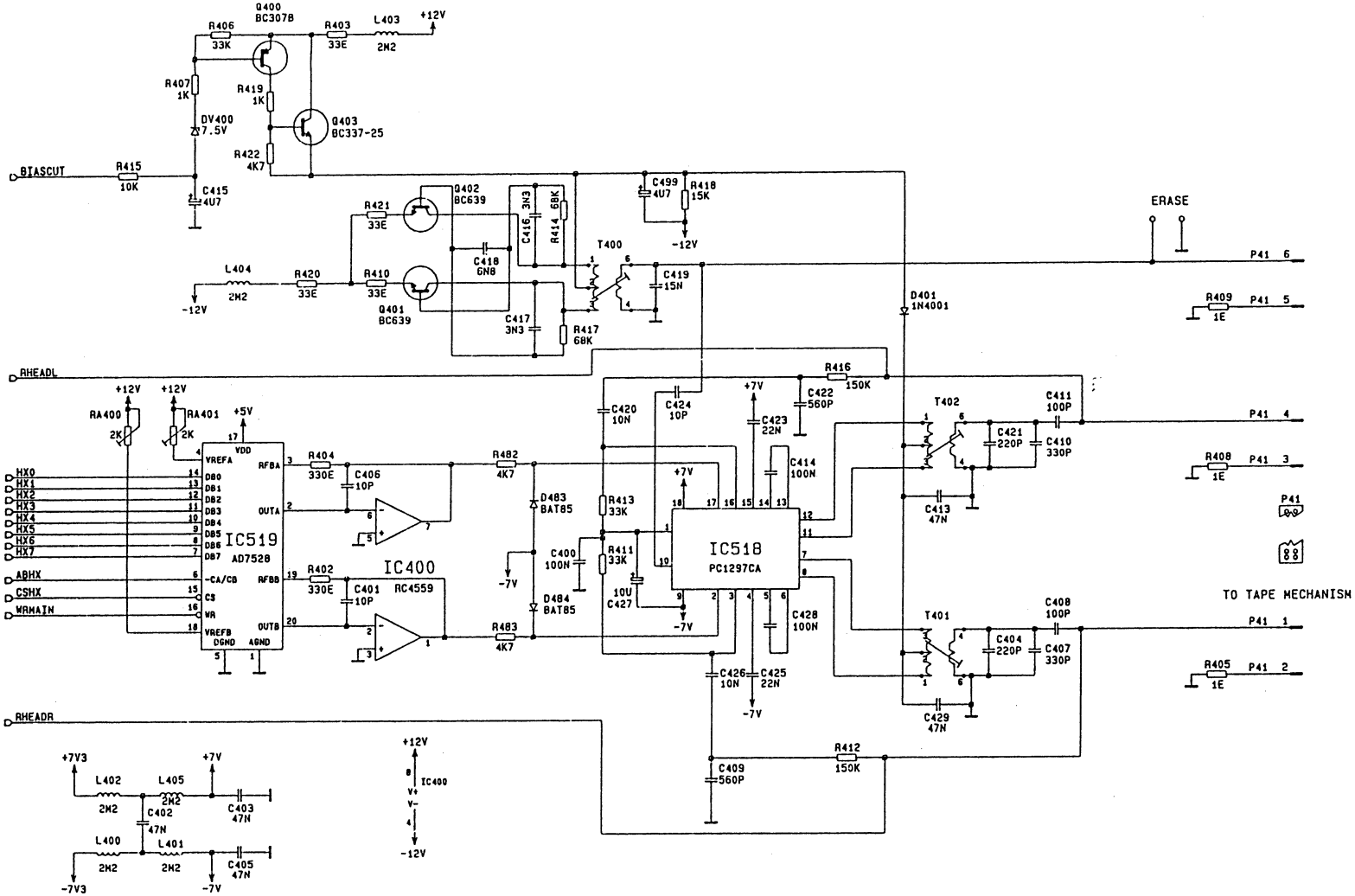
0 29.10.91 FAR	1 04.02.93 FAR			
	CC-TAPE DECK D-MC			PAGE 1 OF 6
REVOX	MAIN BOARD		SC	1.755.220.00



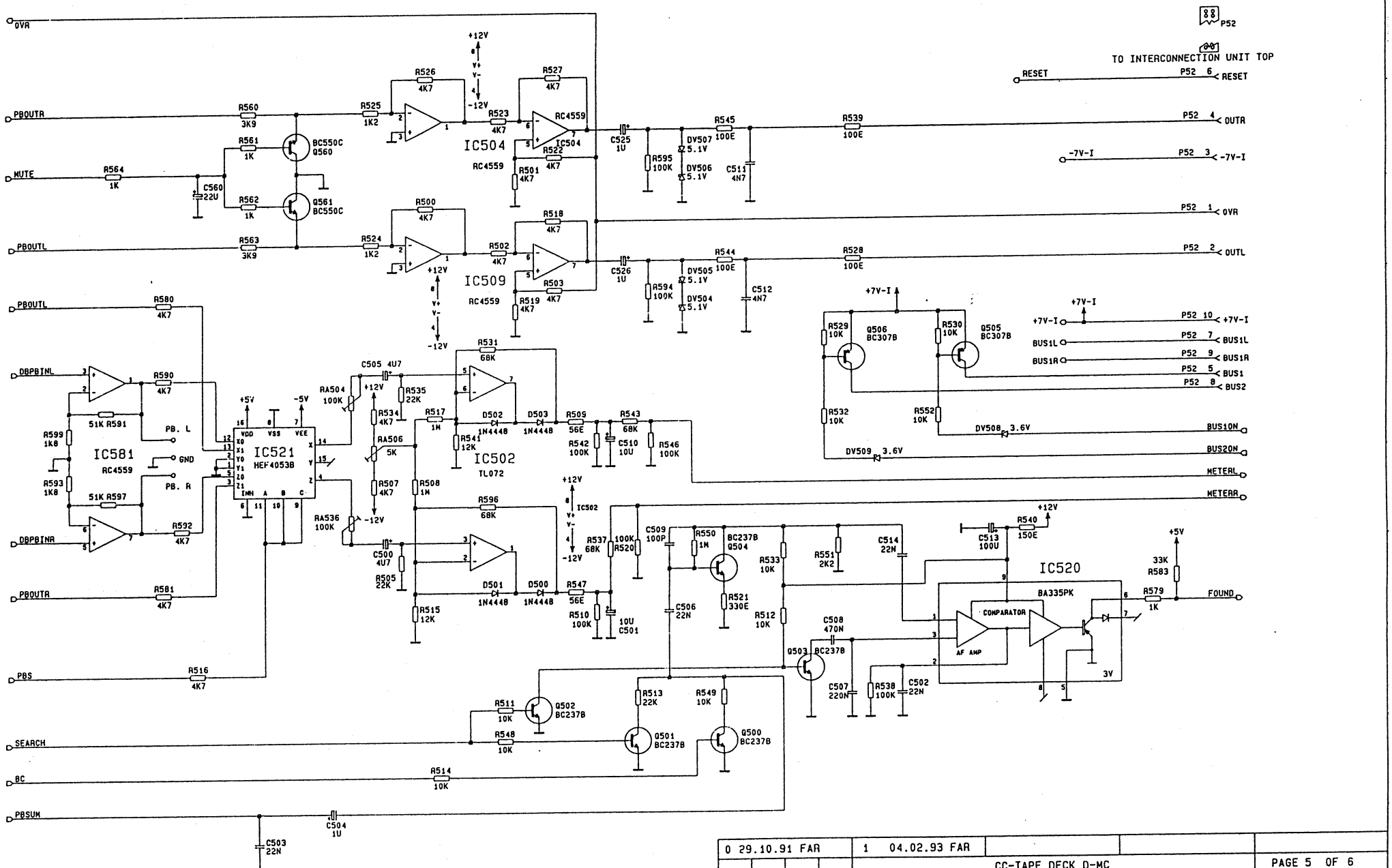
0 29.10.91 FAR	1 04.02.93 FAR			PAGE 2 OF 6
		CC-TAPE DECK D-MC		
REVOX	MAIN BOARD		SC	1.755.220.00



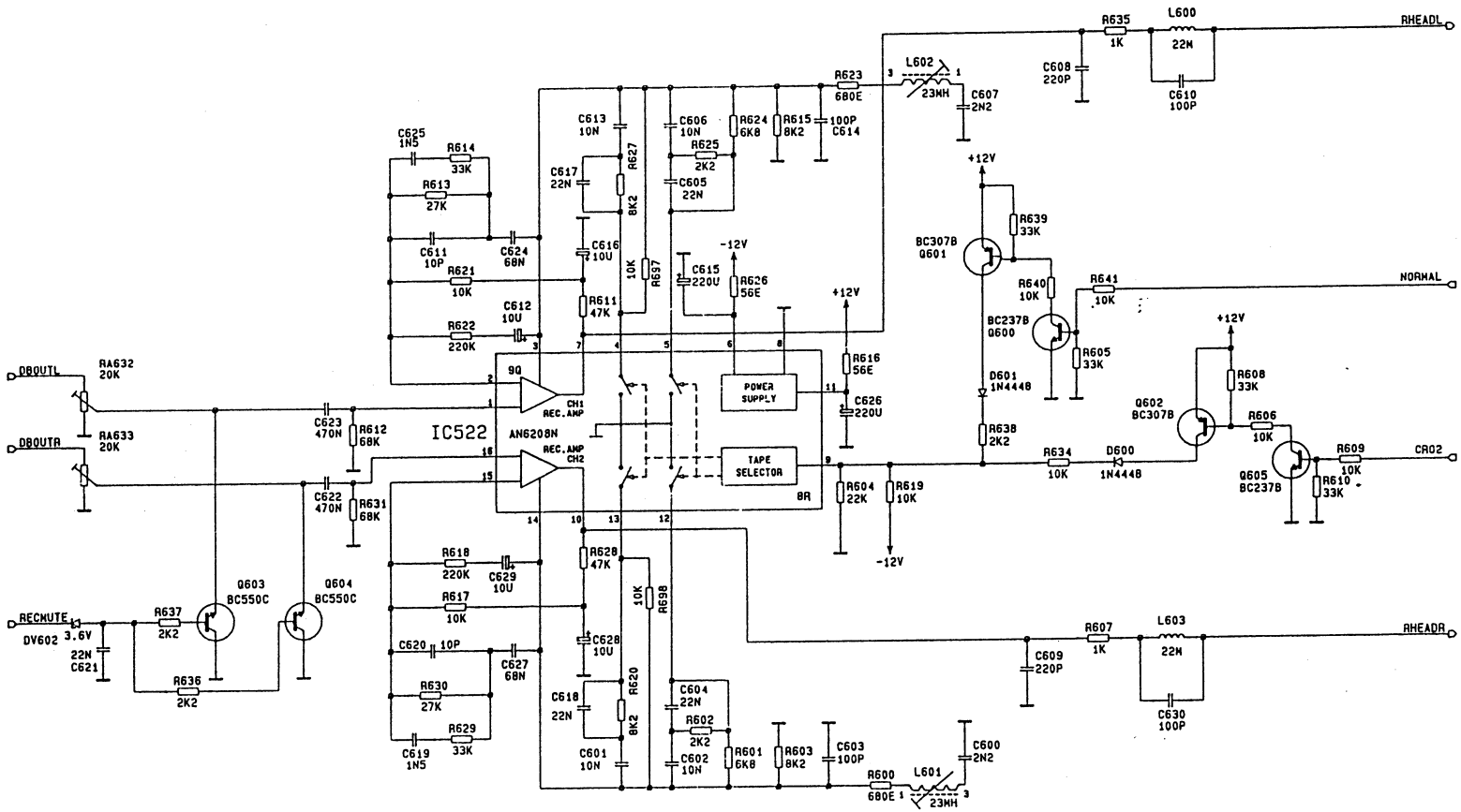
0 29.10.91 FAR	1 04.02.93 FAR		
	CC-TAPE DECK D-MC		PAGE 3 OF 6
REVOX	MAIN BOARD	SC	1.755.220.00



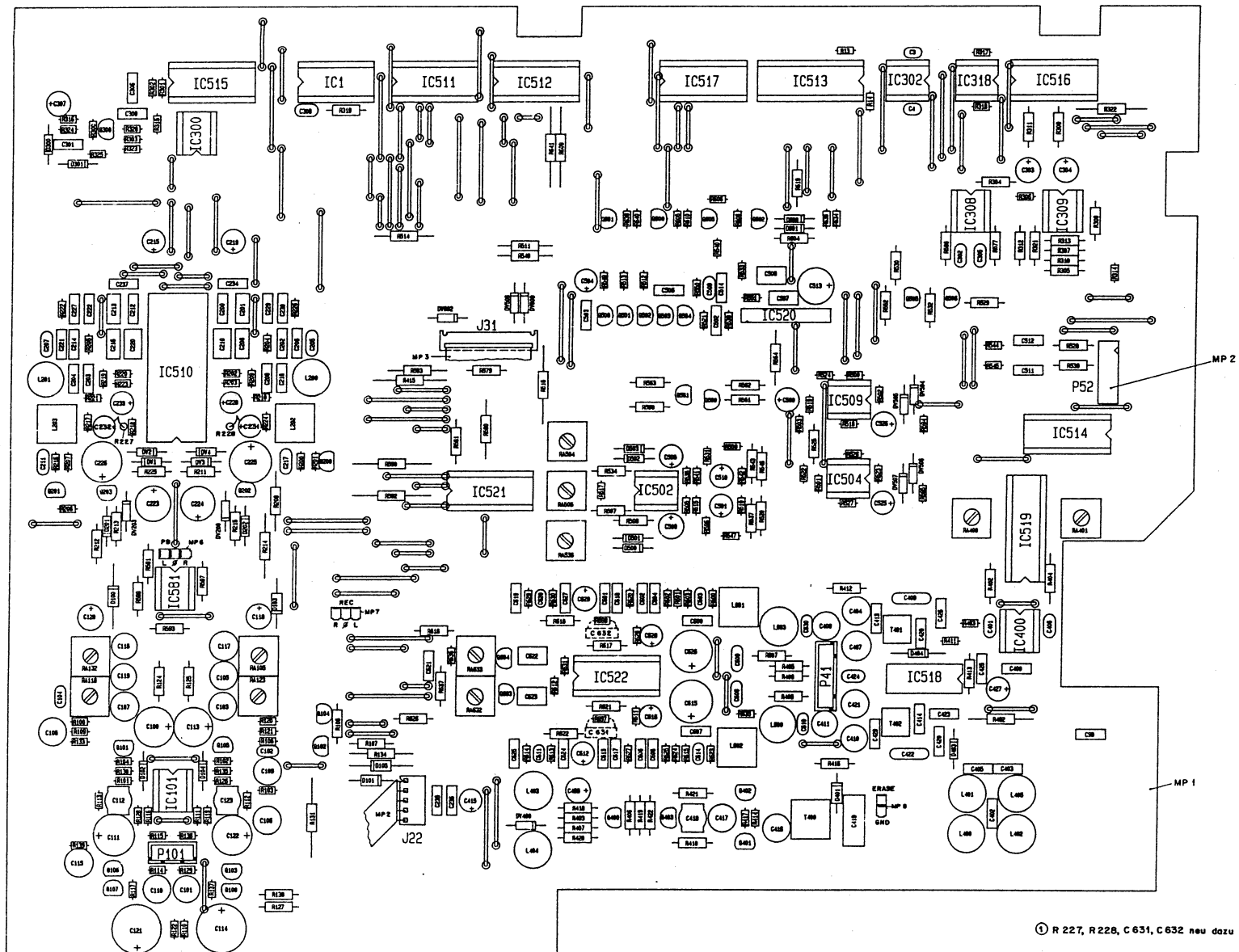
0 29.10.91 FAR	1 04.02.93 FAR			
	CC-TAPE DECK D-MC			PAGE 4 OF 6
REVOX	MAIN BOARD		SC	1.755.220.00



0 29.10.91 FAR	1 04.02.93 FAR			
	CC-TAPE DECK D-MC			PAGE 5 OF 6
REVOX	MAIN BOARD		SC	1.755.220.00



0 29.10.91 FAR	1 04.02.93 FAR			
	CC-TAPE DECK D-MC			PAGE 6 OF 6
REVOX	MAIN BOARD		SC	1.755.220.00



① R 227, R 228, C 631, C 632 neu dazu

Schilder MP 4, MP 5 aufgeklebt nach Fabrikationsmuster.

Werkstoff: Norm-Nr.: DIN-Bez.: Abmessung:	Oberfläche: Güte: Beh.:		Änderung:	③ ② ①
			25.3.93	
Zugehörige Unterlagen: PL, KL	Freimasstoleranz: ±	Maßstab: 1:1,8	Ausgabe: 9.3.92	⓪
Ersatz für:	Ersetzt durch:		Kopie für:	

STUDER REGENSBORF ZÜRICH

MAIN BOARD
D-MC
ESE

Nummer: 1.755.220-00

1.755.220.00 MAIN BOARD 1/4

Ad	..Pos..	...Ref.No...	Description					
	C.....3	59.34.1100	10p	,	5%,	63V,	59.34-1,	NP0
	C.....4	59.34.1100	10p	,	5%,	63V,	59.34-1,	NP0
	C....99	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...100	59.22.4471	470u	,	-20/+50%,	16V,	59.22-E	
	C...101	59.05.2221	220p	,	2.5%,	630V,	59.05-1	
	C...102	59.34.7151	150p	,	2%,	63V,	59.34-2,	N150
	C...103	59.05.1152	1n5	,	1%,	160V,	59.05-1	
	C...104	59.34.7151	150p	,	2%,	63V,	59.34-2,	N150
	C...105	59.05.1332	3n3	,	1%,	160V,	59.05-1	
	C...106	59.05.1222	2n2	,	1%,	160V,	59.05-1	
	C...107	59.05.1152	1n5	,	1%,	160V,	59.05-1	
	C...108	59.05.1152	1n5	,	1%,	160V,	59.05-1	
	C...109	59.05.1152	1n5	,	1%,	160V,	59.05-1	
	C...110	59.05.2221	220p	,	2.5%,	630V,	59.05-1	
	C...111	59.22.4221	220u	,	-20/+50%,	16V,	59.22-B	
	C...112	59.05.2103	10n	,	2.5%,	63V,	59.05-2	
	C...113	59.22.4471	470u	,	-20/+50%,	16V,	59.22-E	
	C...114	59.22.4102	1000u	,	-20/+50%,	16V,	59.22-G	
	C...115	59.05.1222	2n2	,	1%,	160V,	59.05-1	
	C...116	59.05.2222	2n2	,	2.5%,	160V,	59.05-1	
	C...117	59.05.2222	2n2	,	2.5%,	160V,	59.05-1	
	C...118	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...119	59.05.1332	3n3	,	1%,	160V,	59.05-1	
	C...120	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...121	59.22.4102	1000u	,	-20/+50%,	16V,	59.22-G	
	C...122	59.22.4221	220u	,	-20/+50%,	16V,	59.22-B	
	C...123	59.05.2103	10n	,	2.5%,	63V,	59.05-2	
	C...200	59.06.0683	68n	,	10%,	63V,	59.06-1	
	C...201	59.06.0224	220n	,	10%,	63V,	59.06-2	
	C...202	59.06.0153	15n	,	10%,	63V,	59.06-1	
	C...203	59.06.5152	1n5	,	5%,	63V,	59.06-1	
	C...204	59.06.5152	1n5	,	5%,	63V,	59.06-1	
	C...205	59.34.5561	560p	,	5%,	50V,	59.34-14	
	C...206	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...207	59.34.5561	560p	,	5%,	50V,	59.34-14	
	C...208	59.06.0154	150n	,	10%,	63V,	59.06-2	
	C...209	59.06.5152	1n5	,	5%,	63V,	59.06-1	
	C...210	59.06.0474	470n	,	10%,	63V,	59.06-3	
	C...211	59.99.1103	3n9	,	5%,	50V,	59.32-14	
	C...212	59.06.0683	68n	,	10%,	63V,	59.06-1	
	C...213	59.06.0224	220n	,	10%,	63V,	59.06-2	
	C...214	59.06.0153	15n	,	10%,	63V,	59.06-1	
	C...215	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...216	59.06.0154	150n	,	10%,	63V,	59.06-2	
	C...217	59.99.1103	3n9	,	5%,	50V,	59.32-14	
	C...218	59.06.5152	1n5	,	5%,	63V,	59.06-1	
	C...219	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...220	59.06.0474	470n	,	10%,	63V,	59.06-3	
	C...221	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...222	59.06.0682	6n8	,	10%,	63V,	59.06-1	
	C...223	59.22.4101	100u	,	-20/+50%,	16V,	59.22-A	
	C...224	59.22.4101	100u	,	-20/+50%,	16V,	59.22-A	
	C...225	59.22.4221	220u	,	-20/+50%,	16V,	59.22-B	
	C...226	59.22.4221	220u	,	-20/+50%,	16V,	59.22-B	
	C...227	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...228	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...229	59.06.0682	6n8	,	10%,	63V,	59.06-1	
	C...230	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...231	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...232	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...233	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...234	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C...235	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...236	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...237	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C...300	59.06.0472	4n7	,	10%,	63V,	59.06-1	
	C...301	59.06.0472	4n7	,	10%,	63V,	59.06-1	
	C...302	59.32.1101	100p	,	10%,	400V,	59.32-1	
	C...303	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...304	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...305	59.32.1101	100p	,	10%,	400V,	59.32-1	
	C...306	59.06.0472	4n7	,	10%,	63V,	59.06-1	
	C...307	59.22.8109	1u	,	-20/+50%,	50V,	59.22-Q	
	C...308	59.32.1101	100p	,	10%,	400V,	59.32-1	
	C...400	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C...401	59.32.1100	10p	,	10%,	400V,	59.32-1	
	C...402	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...403	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...404	59.05.1221	220p	,	1%,	630V,	59.05-1	
	C...405	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...406	59.32.1100	10p	,	10%,	400V,	59.32-1	
	C...407	59.05.1331	330p	,	1%,	630V,	59.05-1	
	C...408	59.05.1101	100p	,	1%,	630V,	59.05-1	
	C...409	59.34.5561	560p	,	5%,	63V,	59.34-5,	N1500
	C...410	59.05.1331	330p	,	1%,	630V,	59.05-1	
	C...411	59.05.1101	100p	,	1%,	630V,	59.05-1	
	C...413	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...414	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C...415	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...416	59.05.2332	3n3	,	2.5%,	160V,	59.05-1	
	C...417	59.05.2332	3n3	,	2.5%,	160V,	59.05-1	
	C...418	59.05.2682	6n8	,	2.5%,	63V,	59.05-2	
	C...419	59.05.6153	15n	,	10%,	400V,	59056-13*5.5*11	
	C...420	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C...421	59.05.1221	220p	,	1%,	630V,	59.05-1	
	C...422	59.34.5561	560p	,	5%,	63V,	59.34-5,	N1500
	C...423	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...424	59.32.1100	10p	,	10%,	400V,	59.32-1	
	C...425	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...426	59.06.0103	10n	,	10%,	63V,	59.06-1	
	C...427	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...428	59.06.0104	100n	,	10%,	63V,	59.06-1	
	C...429	59.06.0473	47n	,	10%,	63V,	59.06-1	
	C...499	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...500	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...501	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...502	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...503	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...504	59.22.8109	1u	,	-20/+50%,	50V,	59.22-Q	
	C...505	59.22.8479	4u7	,	-20/+50%,	50V,	59.22-Q	
	C...506	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...507	59.06.0224	220n	,	10%,	63V,	59.06-2	
	C...508	59.06.0474	470n	,	10%,	63V,	59.06-3	
	C...509	59.32.1101	100p	,	10%,	400V,	59.32-1	
	C...510	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...511	59.06.0472	4n7	,	10%,	63V,	59.06-1	
	C...512	59.06.0472	4n7	,	10%,	63V,	59.06-1	
	C...513	59.22.4101	100u	,	-20/+50%,	16V,	59.22-A	
	C...514	59.06.0223	22n	,	10%,	63V,	59.06-1	
	C...525	59.22.8109	1u	,	-20/+50%,	50V,	59.22-Q	
	C...526	59.22.8109	1u	,	-20/+50%,	50V,	59.22-Q	
	C...560	59.22.5220	22u	,	-20/+50%,	10V,	59.22-Q	
	C...600	59.06.5222	2n2	,	5%,	63V,	59.06-1	
	C...601	59.06.5103	10n	,	5%,	63V,	59.06-1	
	C...602	59.06.5103	10n	,	5%,	63V,	59.06-1	
	C...603	59.34.4101	100p	,	5%,	63V,	59.34-2,	N750
	C...604	59.06.5223	22n	,	5%,	63V,	59.06-1	
	C...605	59.06.5223	22n	,	5%,	63V,	59.06-1	
	C...606	59.06.5103	10n	,	5%,	63V,	59.06-1	
	C...607	59.06.5222	2n2	,	5%,	63V,	59.06-1	
	C...608	59.34.4221	220p	,	5%,	63V,	59.34-3,	N750
	C...609	59.34.4221	220p	,	5%,	63V,	59.34-3,	N750
	C...610	59.34.4101	100p	,	5%,	63V,	59.34-2,	N750
	C...611	59.34.1100	10p	,	5%,	63V,	59.34-1,	NP0
	C...612	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...613	59.06.5103	10n	,	5%,	63V,	59.06-1	
	C...614	59.34.4101	100p	,	5%,	63V,	59.34-2,	N750
	C...615	59.22.4221	220u	,	-20/+50%,	16V,	59.22-B	
	C...616	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...617	59.06.5223	22n	,	5%,	63V,	59.06-1	
	C...618	59.06.5223	22n	,	5%,	63V,	59.06-1	
	C...619	59.06.5152	1n5	,	5%,	63V,	59.06-1	
	C...620	59.34.1100	10p	,	5%,	63V,	59.34-1,	NP0
	C...621	59.06.5223	22n	,	5%,	63V,	59.06-1	
	C...622	59.06.0474	470n	,	10%,	63V,	59.06-3	
	C...623	59.06.0474	470n	,	10%,	63V,	59.06-3	
	C...624	59.06.5683	68n	,	5%,	63V,	59.06-1	
	C...625	59.06.5152	1n5	,	5%,	63V,	59.06-1	
	C...626	59.22.4221	220u	,	-20/+50%,	16V,	59.22-B	
	C...627	59.06.5683	68n	,	5%,	63V,	59.06-1	
	C...628	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...629	59.22.6100	10u	,	-20/+50%,	35V,	59.22-Q	
	C...630	59.34.4101	100p	,	5%,	63V,	59.34-2,	N750
	D...100	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...101	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...102	50.04.0125	1N4448	,	DO35,RECTIFIER			
	D...103	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...104	50.04.0125	1N4448	,	DO35,RECTIFIER			
	D...105	50.04.0122	1N4001	,	DO41,RECTIFIER			
	D...201	50.04.0125	1N4448	,	DO35,RECTIFIER			
	D...202	50.04.0125	1N4448	,	DO35,RECTIFIER			
	D...300	50.04.0125	1N4448	,	DO35,RECTIFIER			
	D...301	50.04.0125	1N4448	,	DO35,RECTIFIER			

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D...401	50.04.0122	1N4001	,	DO41,RECTIFIER			
D...483	50.04.0127	BAT85	,	DO35, SCHOTTKY			
D...484	50.04.0127	BAT85	,	DO35, SCHOTTKY			
D...500	50.04.0125	1N4448	,	DO35,RECTIFIER			
D...501	50.04.0125	1N4448	,	DO35,RECTIFIER			
D...502	50.04.0125	1N4448	,	DO35,RECTIFIER			
D...503	50.04.0125	1N4448	,	DO35,RECTIFIER			
D...600	50.04.0125	1N4448	,	DO35,RECTIFIER			
D...601	50.04.0125	1N4448	,	DO35,RECTIFIER			
DV....1	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV....2	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV....3	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV....4	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV..200	50.04.1144	8.2V	,	5%,	0.5W,	DO35,	ZENER
DV..203	50.04.1144	8.2V	,	5%,	0.5W,	DO35,	ZENER
DV..400	50.04.1103	7.5V	,	5%,	0.5W,	DO35,	ZENER
DV..504	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV..505	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV..506	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV..507	50.04.1112	5.1V	,	5%,	0.5W,	DO35,	ZENER
DV..508	50.04.1135	3.6V	,	5%,	0.5W,	DO35,	ZENER
DV..509	50.04.1135	3.6V	,	5%,	0.5W,	DO35,	ZENER
DV..602	50.04.1135	3.6V	,	5%,	0.5W,	DO35,	ZENER
IC....1	50.17.1014	74HC14	,	DIP14,HEX SCHMITT TRIGGER INV.			
IC..101	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..300	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..302	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..308	50.09.0119	TL062	,	DIP08,DUAL POWER FET			
IC..309	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..318	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..400	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..502	50.09.0101	TL072	,	DIP08,DUAL BIFET			
IC..504	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..509	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
IC..510	1.755.300.16	CX20187	,	DIP42,DOLBY B-C NOISE RED. SYST.			
IC..511	50.17.4094	74HC4094	,	DIP16,SHIFT AND STORE BUS REG.			
IC..512	50.17.4094	74HC4094	,	DIP16,SHIFT AND STORE BUS REG.			
IC..513	50.07.0026	AD7528	,	DIP20,D/A CONV. 8BIT DUAL MP			
IC..514	50.17.4094	74HC4094	,	DIP16,SHIFT AND STORE BUS REG.			
IC..515	50.07.0024	4052	,	DIP16,DUAL 4-CHANNEL MUX/DEMUX			
IC..516	50.07.0015	HEF4053B	,	DIP16,TRIP. 2-CH. ANA. MUX/DEMU			
IC..517	50.17.4094	74HC4094	,	DIP16,SHIFT AND STORE BUS REG.			
IC..518	1.755.300.19	PC1297CA	,	DIP18,HX-PRO IC			
IC..519	50.07.0026	AD7528	,	DIP20,D/A CONV. 8BIT DUAL MP			
IC..520	1.755.300.20	BA336PR	,	SIP09,COMPARATOR			
IC..521	50.07.0015	HEF4053B	,	DIP16,TRIP. 2-CH. ANA. MUX/DEMU			
IC..522	1.755.300.21	AN6208N	,	DIP16,RECORD AMPLIFIER			
IC..581	50.09.0107	RC4559	,	DIP08,DUAL LINEAR OPAMP			
J....22	54.12.0405	5-P	,	RM2.50,	FEM.,	J-WX,TOP-CONNE	
J....31	1.721.490.09	17-P	,	FCC/FPC CONN.1.25 mm PITCH MOLEX			
L...200	62.02.3223	22m	,	10%,118E{OHM},	62023-2,	HF-CHOKE	
L...201	62.02.3223	22m	,	10%,118E{OHM},	62023-2,	HF-CHOKE	
L...202	1.755.300.17	mPX	,	P27041,MPX-FILTER			
L...203	1.755.300.17	mPX	,	P27041,MPX-FILTER			
L...400	62.02.3222	2m2	,	10%,8E4 {OHM},	62023-2,	HF-CHOKE	1
L...401	62.02.3222	2m2	,	10%,8E4 {OHM},	62023-2,	HF-CHOKE	
L...402	62.02.3222	2m2	,	10%,8E4 {OHM},	62023-2,	HF-CHOKE	1
L...403	62.02.3222	2m2	,	10%,8E4 {OHM},	62023-2,	HF-CHOKE	
L...404	62.02.3222	2m2	,	10%,8E4 {OHM},	62023-2,	HF-CHOKE	
L...405	62.02.3222	2m2	,	10%,8E4 {OHM},	62023-2,	HF-CHOKE	
L...600	62.02.3223	22m	,	10%,118E{OHM},	62023-2,	HF-CHOKE	
L...601	62.99.0109	23mH	,	CUBE10-5G,ADJ. COIL			
L...602	62.99.0109	23mH	,	CUBE10-5G,ADJ. COIL			
L...603	62.02.3223	22m	,	10%,118E{OHM},	62023-2,	HF-CHOKE	
MP....1	1.755.220.11	1 PC	S	Empty PCB			
MP....2	1.755.220.94	1 PC	S	CABLE SET			
MP....3	1.721.490.05	1 PC	S	FLEX JUMPER 17P			
MP....4	43.01.0108	1 PC	S	ESE WARNING LABEL			
MP....5	1.755.220.01	1 PC	S	NUMBER LABEL			
MP....6	54.11.0126	3 PC	S	P-STRIP P581-P583			
MP....7	54.11.0126	3 PC	S	P-STRIP P511-P513			
MP....8	54.11.0126	2 PC	S	P-STRIP P419-P420			
P....41	1.755.300.14	6P	,	CONN.FOR REC.& ERASE HEAD			
P...101	1.755.300.15	4P	,	CONN.FOR PB_HEAD			
Q...100	50.03.0215	2SK170	,	NFET,	TO92-7		
Q...101	50.03.0350	J-112	,	NFET,	TO92-5		
Q...102	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...103	50.03.0215	2SK170	,	NFET,	TO92-7		
Q...104	50.03.0515	BC307B	,	PNP,	TO92-1		
Q...105	50.03.0350	J-112	,	NFET,	TO92-5		
Q...106	50.03.0215	2SK170	,	NFET,	TO92-7		
Q...107	50.03.0215	2SK170	,	NFET,	TO92-7		
Q...200	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...201	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...202	50.43.0340	BC337-25	,	NPN,	TO92-1		
Q...203	50.03.0351	BC327-25	,	PNP,	TO92-1		
Q...300	50.03.0215	2SK170	,	NFET,	TO92-7		
Q...400	50.03.0515	BC307B	,	PNP,	TO92-1		
Q...401	50.03.0551	BC639	,	NPN,	TO92-4		
Q...402	50.03.0551	BC639	,	NPN,	TO92-4		
Q...403	50.43.0340	BC337-25	,	NPN,	TO92-1		
Q...500	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...501	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...502	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...503	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...504	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...505	50.03.0515	BC307B	,	PNP,	TO92-1		
Q...506	50.03.0515	BC307B	,	PNP,	TO92-1		
Q...560	50.03.0407	BC550C	,	NPN,	TO92-1		
Q...561	50.03.0407	BC550C	,	NPN,	TO92-1		
Q...600	50.03.0436	BC237B	,	NPN,	TO92-1		
Q...601	50.03.0515	BC307B	,	PNP,	TO92-1		
Q...602	50.03.0515	BC307B	,	PNP,	TO92-1		
Q...603	50.03.0407	BC550C	,	NPN,	TO92-1		
Q...604	50.03.0407	BC550C	,	NPN,	TO92-1		
Q...605	50.03.0436	BC237B	,	NPN,	TO92-1		
R....13	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R....14	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...100	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...101	57.10.1153	15k	,	1%,	0.4W,	0204,	MF
R...102	57.10.1223	22k	,	1%,	0.4W,	0204,	MF
R...103	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...104	57.10.1223	22k	,	1%,	0.4W,	0204,	MF
R...106	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...107	57.11.3333	33k	,	1%,	0.6W,	0207,	MF
R...108	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...109	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...110	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...111	57.10.1272	2k7	,	1%,	0.4W,	0204,	MF
R...112	57.10.1334	330k	,	1%,	0.4W,	0204,	MF
R...113	57.10.1334	330k	,	1%,	0.4W,	0204,	MF
R...114	57.10.1224	220k	,	1%,	0.4W,	0204,	MF
R...115	57.10.1101	100E	,	1%,	0.4W,	0204,	MF
R...116	57.10.1272	2k7	,	1%,	0.4W,	0204,	MF
R...117	57.10.1272	2k7	,	1%,	0.4W,	0204,	MF
R...119	57.10.1272	2k7	,	1%,	0.4W,	0204,	MF
R...120	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...121	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...122	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...124	57.11.3220	22E	,	1%,	0.6W,	0207,	MF
R...125	57.11.3220	22E	,	1%,	0.6W,	0207,	MF
R...126	57.10.1153	15k	,	1%,	0.4W,	0204,	MF
R...127	57.11.3101	100E	,	1%,	0.6W,	0207,	MF
R...128	57.10.1272	2k7	,	1%,	0.4W,	0204,	MF
R...129	57.10.1224	220k	,	1%,	0.4W,	0204,	MF
R...130	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...131	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...133	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...134	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...135	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...136	57.10.1101	100E	,	1%,	0.4W,	0204,	MF
R...137	57.10.1272	2k7	,	1%,	0.4W,	0204,	MF
R...138	57.11.3101	100E	,	1%,	0.6W,	0207,	MF
R...139	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...200	57.10.1682	6k8	,	1%,	0.4W,	0204,	MF
R...201	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...202	57.10.1511	510E	,	1%,	0.4W,	0204,	MF
R...203	57.10.1432	4k3	,	1%,	0.4W,	0204,	MF
R...204	57.10.1682	6k8	,	1%,	0.4W,	0204,	MF
R...205	57.10.1682	6k8	,	1%,	0.4W,	0204,	MF
R...206	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...207	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...208	57.11.3222	2k2	,	1%,	0.6W,	0207,	MF
R...209	57.10.1332	3k3	,	1%,	0.4W,	0204,	MF
R...210	57.10.1562	5k6	,	1%,	0.4W,	0204,	MF
R...211	57.11.3104	100k	,	1%,	0.6W,	0207,	MF
R...212	57.11.3150	15E	,	1%,	0.6W,	0207,	MF
R...213	57.11.3222	2k2	,	1%,	0.6W,	0207,	MF
R...214	57.11.3150	15E	,	1%,	0.6W,	0207,	MF
R...215	57.11.3222	2k2	,	1%,	0.6W,	0207,	MF
R...216	57.10.1682	6k8	,	1%,	0.4W,	0204,	MF
R...217	57.10.1332	3k3	,	1%,	0.4W,	0204,	MF
R...218	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...219	57.10.1332	3k3	,	1%,	0.4W,	0204,	MF
R...220	57.10.1511	510E	,	1%,	0.4W,	0204,	MF
R...221	57.10.1562	5k6	,	1%,	0.4W,	0204,	MF

1.755.220.00 MAIN BOARD 3/4

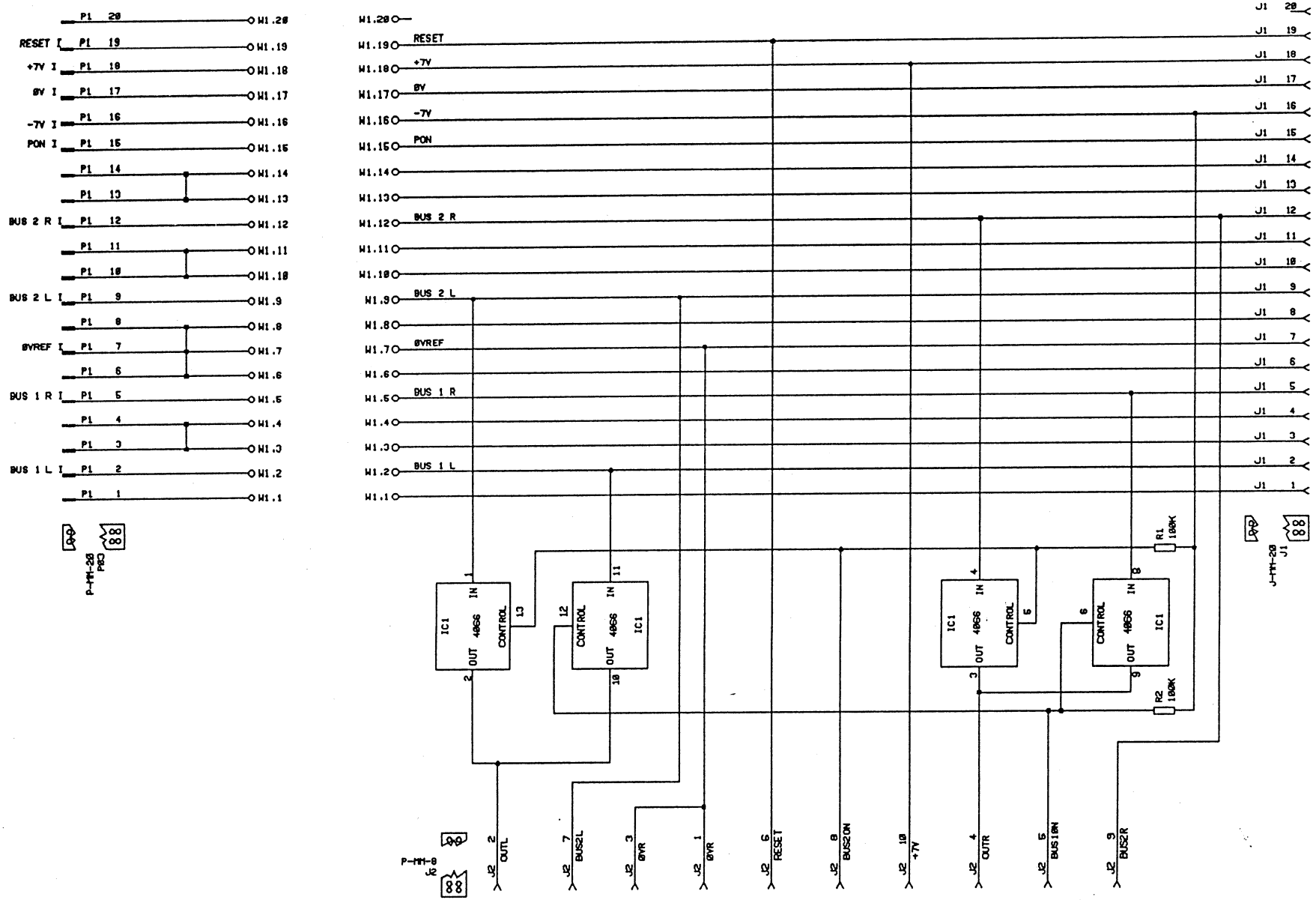
R...222	57.10.1681	680E	,	1%,	0.4W,	0204,	MF
R...223	57.10.1432	4k3	,	1%,	0.4W,	0204,	MF
R...224	57.10.1332	3k3	,	1%,	0.4W,	0204,	MF
R...225	57.11.3104	100k	,	1%,	0.6W,	0207,	MF
R...226	57.10.1681	680E	,	1%,	0.4W,	0204,	MF
R...300	57.10.1474	470k	,	1%,	0.4W,	0204,	MF
R...301	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...302	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...303	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...304	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...305	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...306	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...307	57.11.3221	220E	,	1%,	0.6W,	0207,	MF
R...308	57.11.3133	13k	,	1%,	0.6W,	0207,	MF
R...309	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...310	57.11.3221	220E	,	1%,	0.6W,	0207,	MF
R...311	57.11.3133	13k	,	1%,	0.6W,	0207,	MF
R...312	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...313	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...314	57.10.1472	4k7	,	1%,	0.6W,	0207,	MF
R...315	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...316	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...317	57.10.1202	2k	,	1%,	0.4W,	0204,	MF
R...318	57.10.1202	2k	,	1%,	0.4W,	0204,	MF
R...319	57.11.3152	1k5	,	1%,	0.6W,	0207,	MF
R...320	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...321	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...322	57.11.3223	22k	,	1%,	0.6W,	0207,	MF
R...323	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...324	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...325	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...402	57.11.3331	330E	,	1%,	0.6W,	0207,	MF
R...403	57.11.3330	33E	,	1%,	0.6W,	0207,	MF
R...404	57.11.3331	330E	,	1%,	0.6W,	0207,	MF
R...405	57.11.3109	1E	,	1%,	0.6W,	0207,	MF
R...406	57.11.3333	33k	,	1%,	0.4W,	0204,	MF
R...407	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
R...408	57.11.3109	1E	,	1%,	0.6W,	0207,	MF
R...409	57.11.3109	1E	,	1%,	0.6W,	0207,	MF
R...410	57.11.3330	33E	,	1%,	0.6W,	0207,	MF
R...411	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...412	57.11.3154	150k	,	1%,	0.6W,	0207,	MF
R...413	57.11.3333	33k	,	1%,	0.6W,	0207,	MF
R...414	57.10.1683	68k	,	1%,	0.4W,	0204,	MF
R...415	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...416	57.11.3154	150k	,	1%,	0.6W,	0207,	MF
R...417	57.10.1683	68k	,	1%,	0.4W,	0204,	MF
R...418	57.11.3153	15k	,	1%,	0.6W,	0207,	MF
R...419	57.11.3102	1k	,	1%,	0.4W,	0204,	MF
R...420	57.11.3330	33E	,	1%,	0.6W,	0207,	MF
R...421	57.11.3330	33E	,	1%,	0.6W,	0207,	MF
R...422	57.11.3472	4k7	,	1%,	0.4W,	0204,	MF
R...482	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...483	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...500	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...501	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...502	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...503	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...505	57.10.1223	22k	,	1%,	0.4W,	0204,	MF
R...507	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...508	57.11.3105	1M	,	1%,	0.6W,	0207,	MF
R...509	57.10.1560	56E	,	1%,	0.4W,	0204,	MF
R...510	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...511	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...512	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...513	57.10.1223	22k	,	1%,	0.4W,	0204,	MF
R...514	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...515	57.10.1123	12k	,	1%,	0.4W,	0204,	MF
R...516	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...517	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...518	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...519	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...520	57.11.3104	100k	,	1%,	0.4W,	0204,	MF
R...521	57.10.1331	330E	,	1%,	0.4W,	0204,	MF
R...522	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...523	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...524	57.10.1122	1k2	,	1%,	0.4W,	0204,	MF
R...525	57.11.3122	1k2	,	1%,	0.6W,	0207,	MF
R...526	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...527	57.10.1472	4k7	,	1%,	0.4W,	0204,	MF
R...528	57.11.3101	100E	,	1%,	0.6W,	0207,	MF
R...529	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...530	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...531	57.10.1683	68k	,	1%,	0.4W,	0204,	MF
R...532	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...533	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...534	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...535	57.10.1223	22k	,	1%,	0.4W,	0204,	MF
R...537	57.11.3683	68k	,	1%,	0.4W,	0204,	MF
R...538	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...539	57.11.3101	100E	,	1%,	0.6W,	0207,	MF
R...540	57.10.1151	150E	,	1%,	0.4W,	0204,	MF
R...541	57.10.1123	12k	,	1%,	0.4W,	0204,	MF
R...542	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...543	57.11.3683	68k	,	1%,	0.4W,	0204,	MF
R...544	57.10.1101	100E	,	1%,	0.4W,	0204,	MF
R...545	57.10.1101	100E	,	1%,	0.4W,	0204,	MF
R...546	57.11.3104	100k	,	1%,	0.4W,	0204,	MF
R...547	57.10.1560	56E	,	1%,	0.4W,	0204,	MF
R...548	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...549	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...550	57.10.1105	1M	,	1%,	0.4W,	0204,	MF
R...551	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...552	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...560	57.11.3392	3k9	,	1%,	0.4W,	0204,	MF
R...561	57.11.3102	1k	,	1%,	0.4W,	0204,	MF
R...562	57.11.3102	1k	,	1%,	0.4W,	0204,	MF
R...563	57.11.3392	3k9	,	1%,	0.4W,	0204,	MF
R...564	57.11.3102	1k	,	1%,	0.4W,	0204,	MF
R...577	57.11.3474	470k	,	1%,	0.6W,	0207,	MF
R...579	57.11.3102	1k	,	1%,	0.4W,	0204,	MF
R...580	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...581	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...583	57.11.3333	33k	,	1%,	0.6W,	0207,	MF
R...588	57.11.3474	470k	,	1%,	0.6W,	0207,	MF
R...590	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...591	57.11.3513	51k	,	1%,	0.6W,	0207,	MF
R...592	57.11.3472	4k7	,	1%,	0.6W,	0207,	MF
R...593	57.11.3182	1k8	,	1%,	0.6W,	0207,	MF
R...594	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...595	57.10.1104	100k	,	1%,	0.4W,	0204,	MF
R...596	57.10.1683	68k	,	1%,	0.4W,	0204,	MF
R...597	57.11.3513	51k	,	1%,	0.6W,	0207,	MF
R...599	57.11.3182	1k8	,	1%,	0.6W,	0207,	MF
R...600	57.10.1681	680E	,	1%,	0.4W,	0204,	MF
R...601	57.10.1682	6k8	,	1%,	0.4W,	0204,	MF
R...602	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...603	57.10.1822	8k2	,	1%,	0.4W,	0204,	MF
R...604	57.11.3223	22k	,	1%,	0.6W,	0207,	MF
R...605	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...606	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...607	57.11.3102	1k	,	1%,	0.6W,	0207,	MF
R...608	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...609	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...610	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...611	57.10.1473	47k	,	1%,	0.4W,	0204,	MF
R...612	57.10.1683	68k	,	1%,	0.4W,	0204,	MF
R...613	57.10.1273	27k	,	1%,	0.4W,	0204,	MF
R...614	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...615	57.10.1822	8k2	,	1%,	0.4W,	0204,	MF
R...616	57.11.3560	56E	,	1%,	0.6W,	0207,	MF
R...617	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...618	57.11.3224	220k	,	1%,	0.6W,	0207,	MF
R...619	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...620	57.10.1822	8k2	,	1%,	0.4W,	0204,	MF
R...621	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...622	57.11.3224	220k	,	1%,	0.6W,	0207,	MF
R...623	57.10.1681	680E	,	1%,	0.4W,	0204,	MF
R...624	57.10.1682	6k8	,	1%,	0.4W,	0204,	MF
R...625	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...626	57.11.3560	56E	,	1%,	0.6W,	0207,	MF
R...627	57.10.1822	8k2	,	1%,	0.4W,	0204,	MF
R...628	57.10.1473	47k	,	1%,	0.4W,	0204,	MF
R...629	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...630	57.10.1273	27k	,	1%,	0.4W,	0204,	MF
R...631	57.10.1683	68k	,	1%,	0.4W,	0204,	MF
R...634	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...635	57.10.1102	1k	,	1%,	0.4W,	0204,	MF
R...636	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...637	57.11.3222	2k2	,	1%,	0.6W,	0207,	MF
R...638	57.10.1222	2k2	,	1%,	0.4W,	0204,	MF
R...639	57.10.1333	33k	,	1%,	0.4W,	0204,	MF
R...640	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...641	57.11.3103	10k	,	1%,	0.6W,	0207,	MF
R...697	57.10.1103	10k	,	1%,	0.4W,	0204,	MF
R...698	57.10.1103	10k	,	1%,	0.4W,	0204,	MF

1.755.220.00 MAIN BOARD 4/4

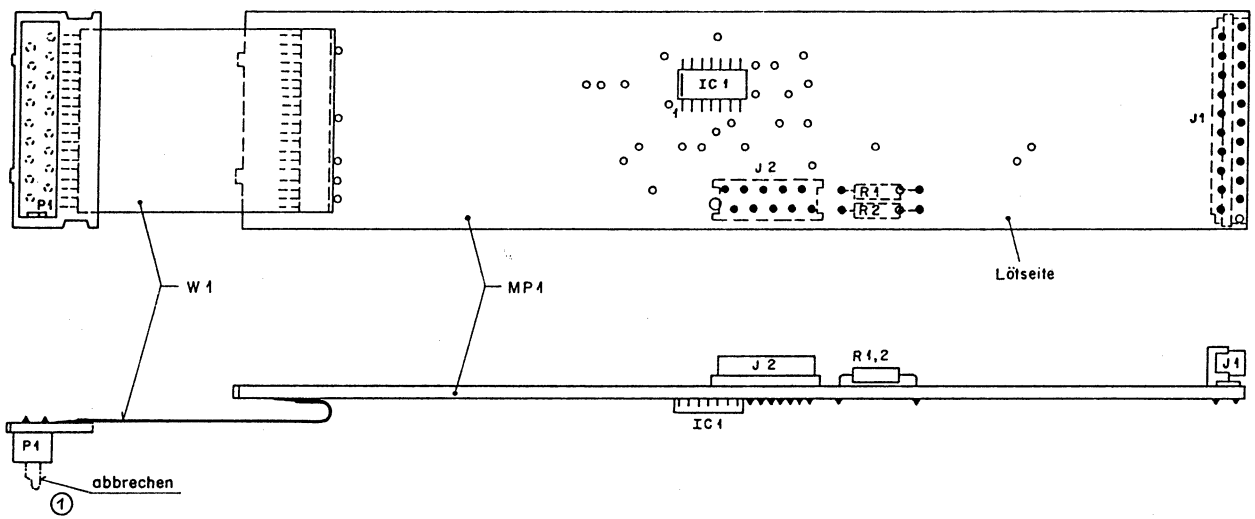
RA..105	58.01.8103	10k ,	10%,	0.5W,	3/8",HOR.	PG
RA..118	58.01.8203	20k ,	10%,	0.5W,	3/8",HOR.	PG
RA..123	58.01.8203	20k ,	10%,	0.5W,	3/8",HOR.	PG
RA..132	58.01.8103	10k ,	10%,	0.5W,	3/8",HOR.	PG
RA..400	58.01.8202	2k ,	10%,	0.5W,	3/8",HOR.	PG
RA..401	58.01.8202	2k ,	10%,	0.5W,	3/8",HOR.	PG
RA..504	58.01.8104	100k ,	10%,	0.5W,	3/8",HOR.	PG
RA..506	58.01.8502	5k ,	10%,	0.5W,	3/8",HOR.	PG
RA..536	58.01.8104	100k ,	10%,	0.5W,	3/8",HOR.	PG
RA..632	58.01.8203	20k ,	10%,	0.5W,	3/8",HOR.	PG
RA..633	58.01.8203	20k ,	10%,	0.5W,	3/8",HOR.	PG
T...400	1.755.300.18	TOSCI1 ,	P27031,OSCILLATOR ERASE			
T...401	1.755.300.22	TOSCI2 ,	P27042,OSCILLATOR HX-PRO			
T...402	1.755.300.22	TOSCI2 ,	P27042,OSCILLATOR HX-PRO			

FAR92/02/1300

MF=Metalfilm
CF=Carbonfilm
Cerm=Cermet
Cer=Ceramic
PETP=Polyester
PP=Polypropylen
Tri=Trimmer
El=Electrolytic
Si=Silizium
MANUFACTURER: Sie=Siemens, RCA=Radio Corporation Of America, TDK=TDK,
Mot=Motorola, Ph=Philips, NS=National Semiconductors,
Stettner=Stettner, Dam=Dam Electronic, Com=Componex,
Hi= Hirschmann, Del=Delevan,
END



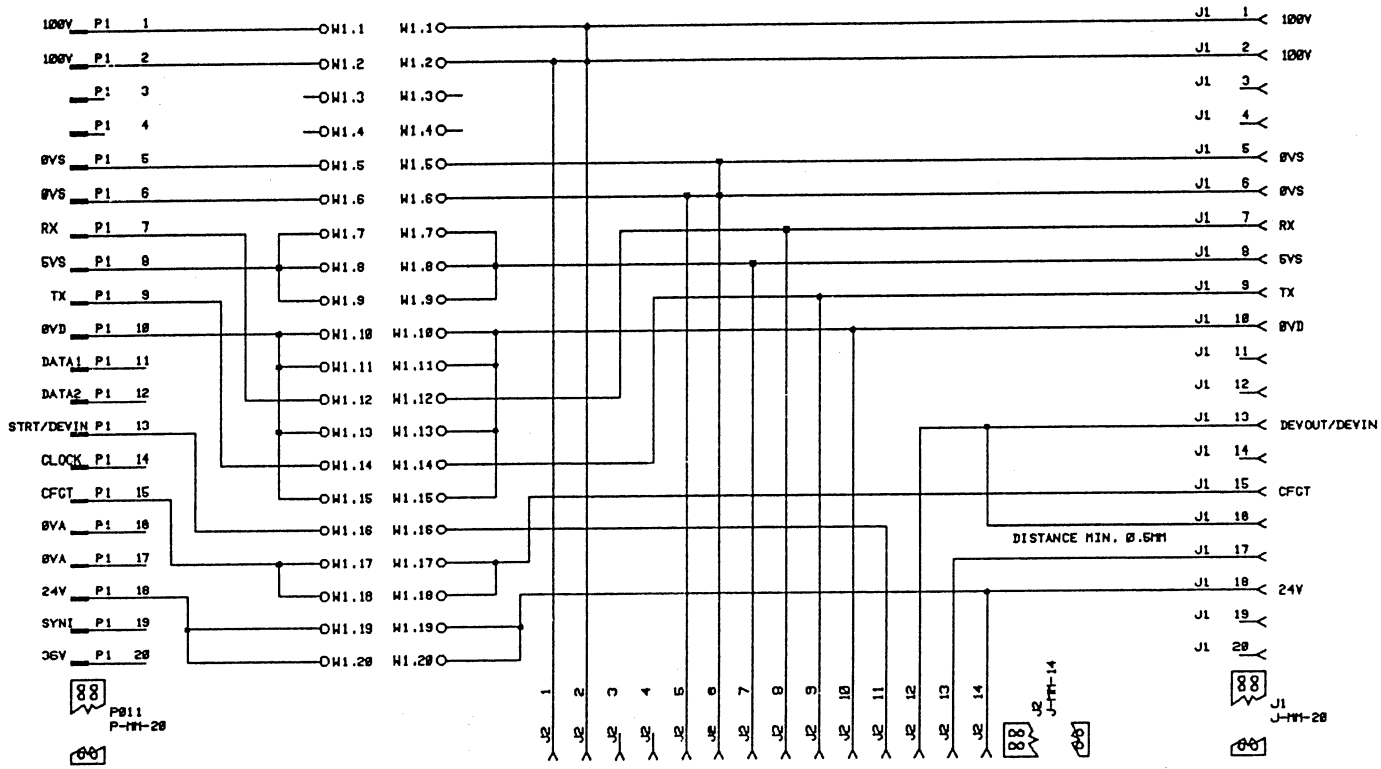
STUDER			REVOX AUDIO SYSTEMS DEPARTMENT
DATE	24/02/92	PS	
CHK.	/ /	-	INTERCONNECTION UNIT TOP
REV.	/ /	-	
	/ /	-	mc -
	/ /	-	
FILE: 755230	24-Jun-92		1.755.230.00 SHEET 1 OF 1



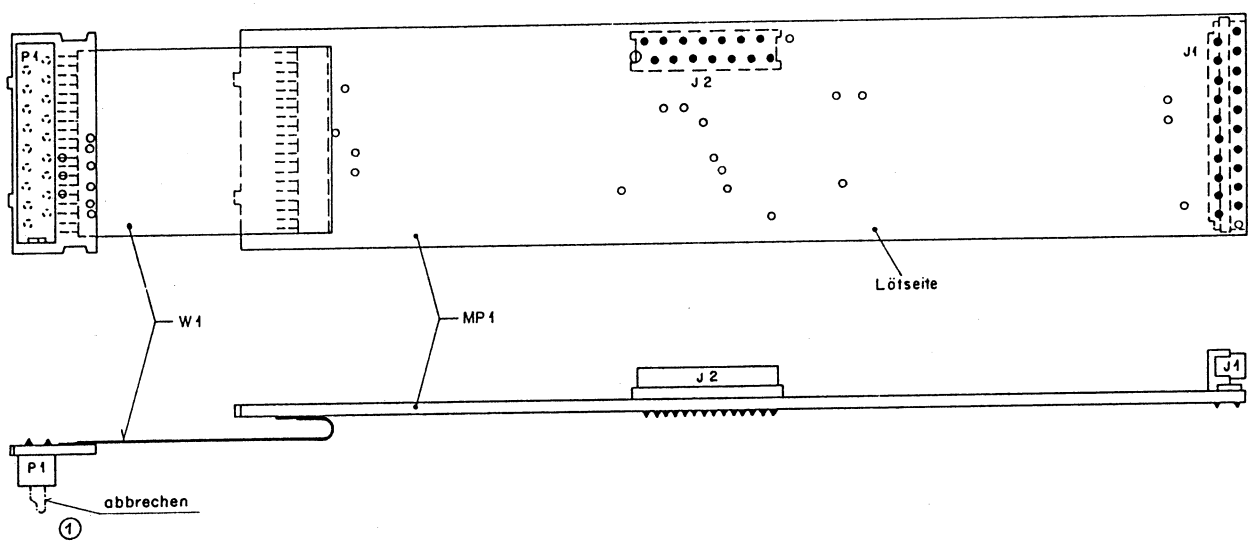
Nr. Etikette / ESE - Warnschild

nach Fabrikationsmuster aufgeklebt.

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:		Oberfläche: Güte: / Beh.:			Änderung				③ ② ①
					27.7.92				
Zugehörige Unterlagen: PL		Freimasstoleranz:		Massstab: 2:1	Ausgabe	29.2.92			⓪
					Datum	Gez.	Gepr.	Ges.	Index
Ersatz für:		Ersetzt durch:			Kopie für:				
STUDER REGENSDORF ZÜRICH	Benennung: INTERCONNECTION UNIT TOP				Nummer: 1.755.230-00				



STUDER				REVOX AUDIO SYSTEMS DEPARTMENT
DATE	0	25/02/92	PS	
CHK.		/ /	-	INTERCONNECTION UNIT BOTTOM
REV.	1	22/04/92	PS	
	-	/ /	-	MC -
	-	/ /	-	
FILE: 755240		24-Jun-92		1.755.240.00 SHEET 1 OF 1



Nr. Etikette

nach Fabrikationsmuster aufgeklebt.

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.		Änderung						3
									2
				27.7.92					1
Zugehörige Unterlagen: PL	Freimasstoleranz:	Maßstab: 2 : 1	Ausgabe	28.2.92					0
				Datum	Gez.	Gepr.	Ges.	Index	
Ersatz für:	Ersetzt durch:		Kopie für:						
STUDER REGENSDORF ZÜRICH	Benennung: INTERCONNECTION UNIT BOTTOM		Nummer: 1.755.240-00						

1.755.230.00 INTERCONNECTION UNIT TOP

Ad	..Pos..	...Ref.No...	Description		
	IC....1	50.62.9066		HEF 4066B T	PH
	J.....1	54.14.5540	20-pole	Connector Micro Match	AMP
	J.....2	54.14.5510	10-pole	Connector Micro Match	AMP
	MP....1	1.755.230.11		INTERCONNECTION TOP PCB	ST
	P.....1	54.14.5590	20-pole	Plug Micro Match	AMP
	R.....1	57.11.3104	100 k	1%, 0.25W, MF	
	R.....2	57.11.3104	100 k	1%, 0.25W, MF	
	W.....1	1.752.230.94		Cable List INTERCONNECTION	

PS92/02/1300

Manufacturer: Ph=Philips
St=Studer
END

1.755.240.00 INTERCONNECTION UNIT BOTTOM

Ad	..Pos..	...Ref.No...	Description	
	J.....1	54.14.5540	20-pole	Connector Micro Match
	J.....2	54.14.5514	14-pole	Connector Micro Match
	MP....1	1.755.240.11		INTERCONNECTION BOTTOM PCB
01	MP....1	1.755.240.12		INTERCONNECTION BOTTOM PCB
	P.....1	54.14.5590	20-pole	Plug Micro Match
	W.....1	1.752.230.94		Cable List INTERCONNECTION

PS92/02/1300
PS92/04/1401

Manufacturer:Ph=Philips,ST=Studer

END

Änderungen und Ergänzungen

Stand 29.10.1997

Änderungsmeldung Evolution-Display

Bei Ausfall des Transformators T1 müssen nachfolgende Änderungen durchgeführt werden:

Der alte Transformator T1 mit der Artikelnummer 1.022.648.00 wird nicht mehr verwendet. Ersatz ist der Transformer-Replacement-Kit mit der Bestell-Nr. 1.750.014.00.

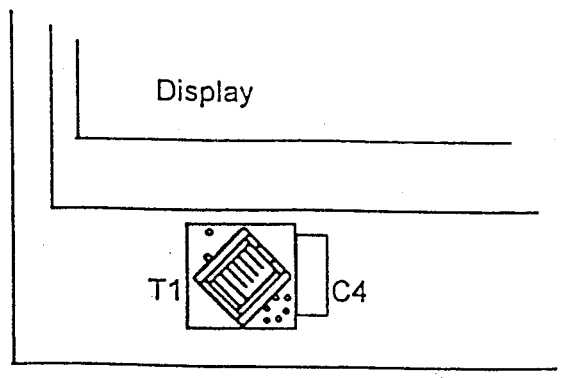
Der Umrüstsatz besteht aus:
dem neuen Trafo
zwei Widerständen 22 kOhm
ein Kondensator 0,1 µF/ 160 V
zwei Transistoren BC 639

Umbauanleitung für den Umrüstsatz 1.750.014.00:

1. Ausbau des Transformators T1
2. Ausbau des Kondensators C4
3. Ausbau der Transistoren Q1/ Q2
4. Ausbau der Widerstände R2 und R3
5. Durchschneiden der Masseverbindung unter den Transformator nach beiliegender Skizze
6. Einbau der Transformer Unit
7. Einbau des Kondensators 0,1 µF MPP
8. Einbau der neuen Transistoren Q1/ Q2
9. Einbau der neuen Widerstände R2 und R3

Hinweis: *Der Ausfall des Transformators T1 verursacht oft auch den Ausfall des Transistors Q33 des Evolution-Verstärkers. Dieser Fehler zeigt sich, indem das Display im Standby-Betrieb nicht mehrganz dunkel geschaltet wird. Bitte bei Display-Reparaturen beachten.*

Einbau-Hinweis der Transformer-Unit:



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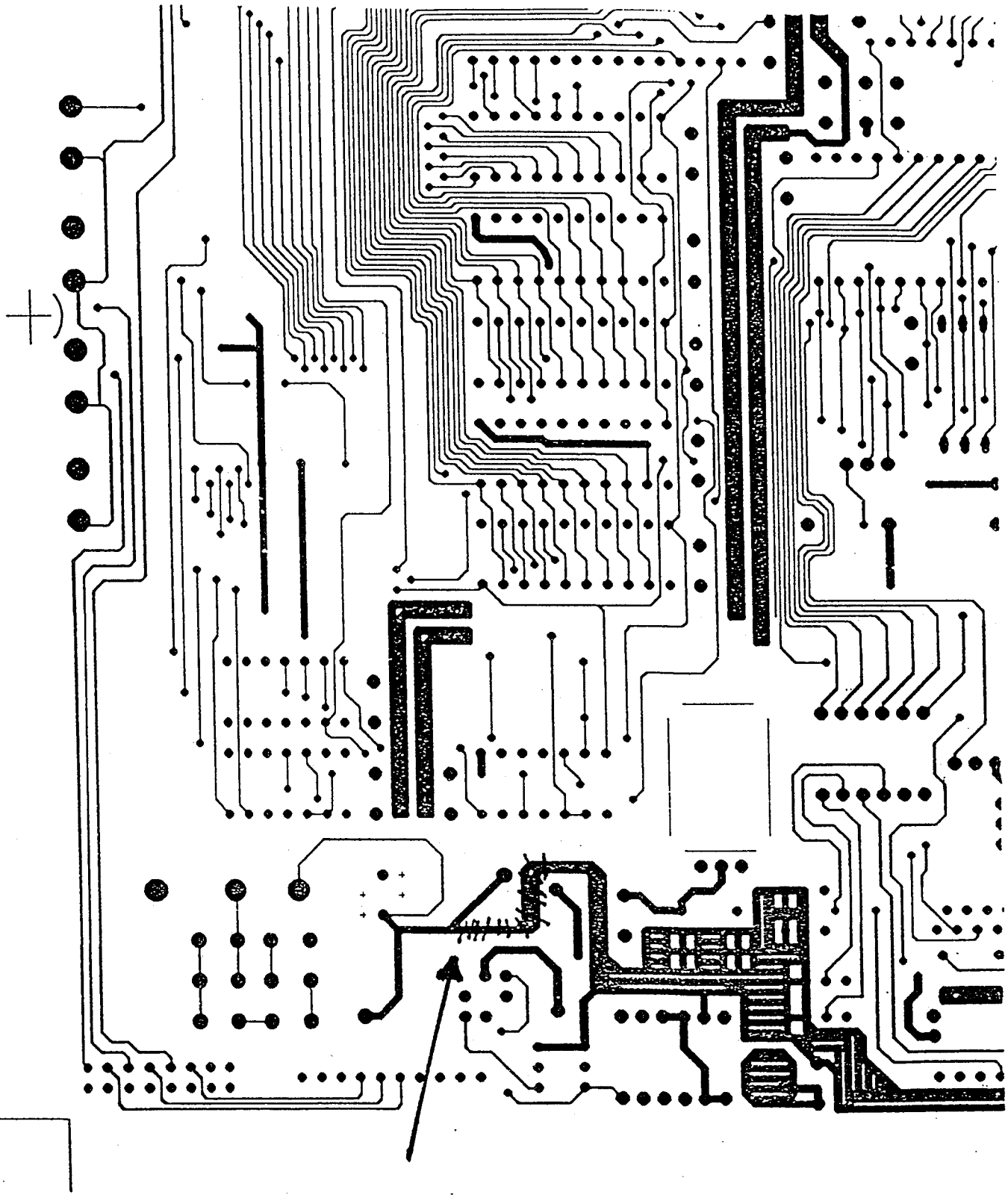
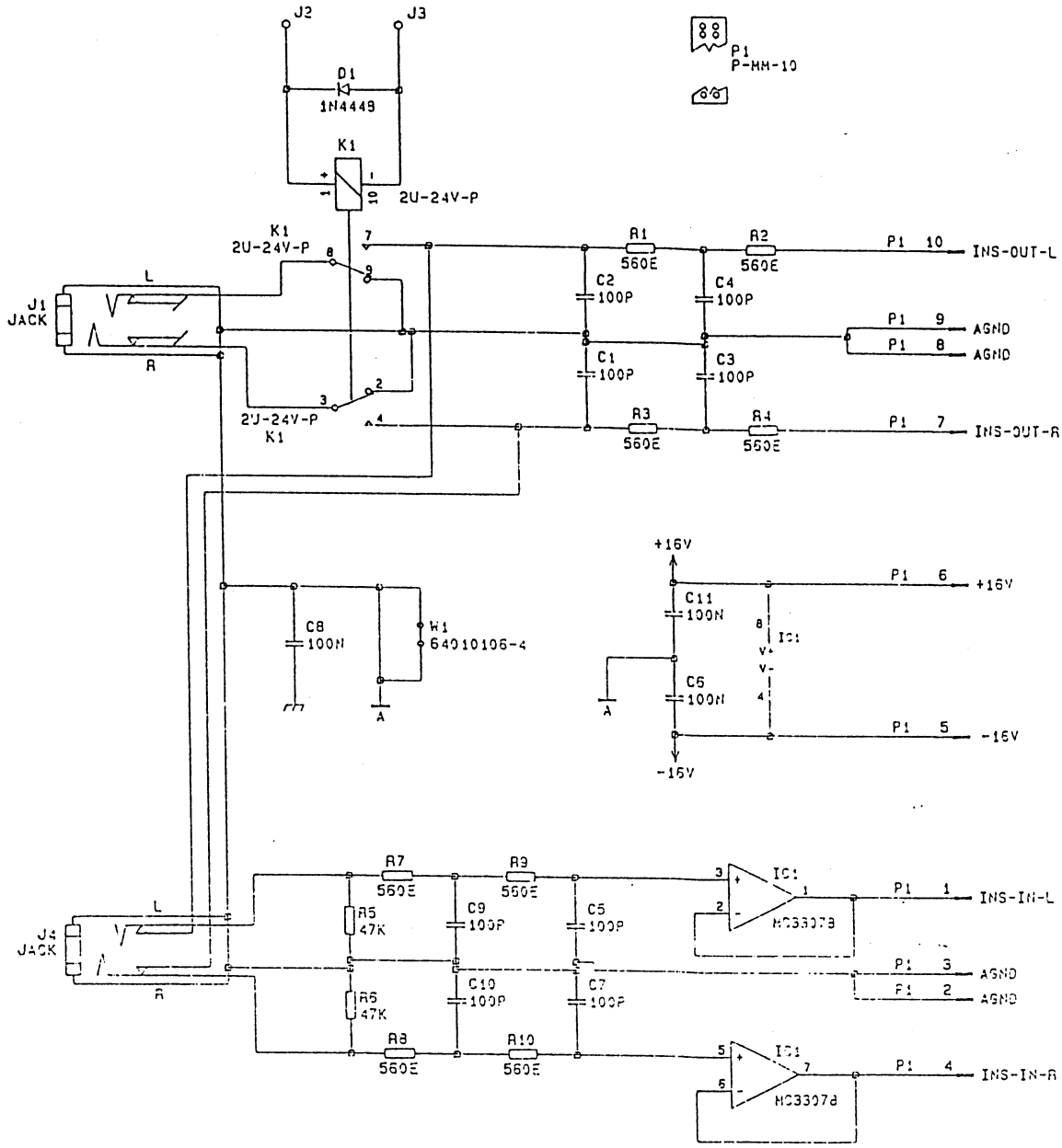


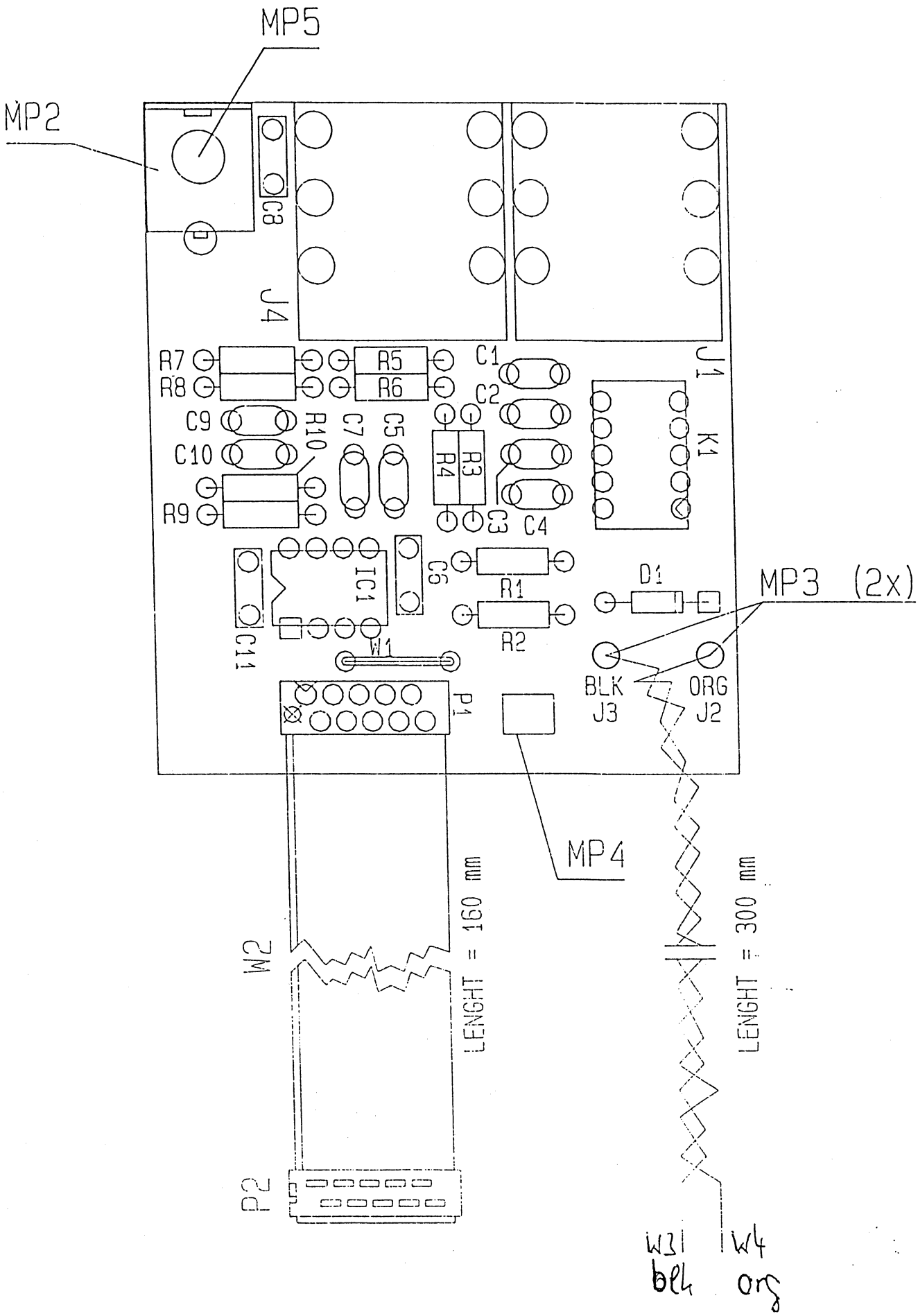
Änderung EVO FM-Tuner-Board 1.752.188.22 auf Deemphasis 75µS

Für das EVO FM-Tuner-Board mit 75µS Deemphasis sind gegenüber der Originalbestückung 1.752.188.22 nachstehende Bauteile zu ändern:

Pos.Nr.	Artikel Nr.	Bauteilbezeichnung		
IC 1	50.09.0105	NE 5532N	Signetics	
C 516	59.05.1472	4700pF	1%PP	
C 517	59.34.4331	330pF	5%CER	
C 519	59.34.4331	330pF	5%CER	
C 520	59.05.1472	4700pF	1%PP	
C xxx	59.34.4101	100pF	5%CER	parallel zu C 517
C xxx	59.34.4101	100pF	5%CER	parallel zu C 519
R 525	57.11.3623	62k	1%	
R 526	57.11.3623	62k	1%	



0 24/APR/96-SIO			
	EVOLUTION - AMPLIFIER		PAGE 1 OF 1
REVOX	PRE-OUT / INSERT UNIT	SC	1.751.255-81



0 24/APR/96 sid								
		EVOLUTION AMPLIFIER D-AMP					PAGE 1 OF 1	
REVOX		PRE-OUT / INSERT UNIT					BP 1.751.255-81	
A	B	C	D	E	F	G	H	

Idx.	Pos. No.	Part No. / Index	Qty.	Value/Name	Part Description
0	C1	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C2	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C3	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C4	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C5	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C6	59.06.0104 01		100 nF	C-PE 0.1 µF 10% 63V 2.5*7.5* 8.0
0	C7	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C8	59.06.0104 01		100 nF	C-PE 0.1 µF 10% 63V 2.5*7.5* 8.0
0	C9	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C10	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C11	59.06.0104 01		100 nF	C-PE 0.1 µF 10% 63V 2.5*7.5* 8.0
0	D1	50.04.0125 01		1N4448	Diode, silicon, 75 V, 150 mA
0	IC1	50.09.0117 02		MC33078	Dual Low Noise OpAmp
2	J1	54.24.0113 01		3-p	Stereo Jack Socket, 6.3mm, PCB horiz. plastic nut
2	J4	54.24.0113 01		3-p	Stereo Jack Socket, 6.3mm, PCB horiz. plastic nut
0	K1	56.04.0197 01		24 V	Relay, 2 x U, 24 V, PCB mount
0	MP1	1.751.255.12 00		Empty PCB	Insert Unit PCB
1	MP2	1.726.780.01 01	1pce		Mounting Bracket, tin plated
2	MP3	54.03.0201 01	2pcs	1-p	Snap-to-PCB Connector, for Wire 0.12...0.34 mm2
2	MP4	43.01.0108 01		Warning Label	ESE-Warning Label, adhesive yellow paper, ø5mm
2	MP5	28.21.2405 01	1pce	3.0x4.0	Tubular Rivet, DIN 7340 ø=3.0, l=4.0
0	P1	54.14.5610 01		10-p	Micro-Match Direct Soldering Connector for Flat Cable
0	P2	54.14.5560 01		10-p	Micro-Match Connector, male, for Flat Cable 1.27mm
0	R1	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R2	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R3	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R4	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R5	57.11.3473 01		47k	R-MF, 47 kOhm, 1%, Tk 50, 0207
0	R6	57.11.3473 01		47k	R-MF, 47 kOhm, 1%, Tk 50, 0207
0	R7	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R8	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R9	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R10	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	W1	64.01.0106 01		D 0.6 mm	Jumper Wire, Sn coated >2 µm
2	W2	64.03.0213 01	160pcs	10-p	Flat Cable 1.27 mm, AWG 28
2	W3	64.02.0110 01	300mm	Black	Stranded Wire, AWG 24, 0.22mm²
				Note:	*W3, W4 twisted*
2	W4	64.02.0113 01	300mm	Orange	Stranded Wire, AWG 24, 0.22mm²
				Note:	*W3, W4 twisted*

Idx.	Pos. No.	Part No. / Index	Qty.	Value/Name	Part Description

End of List

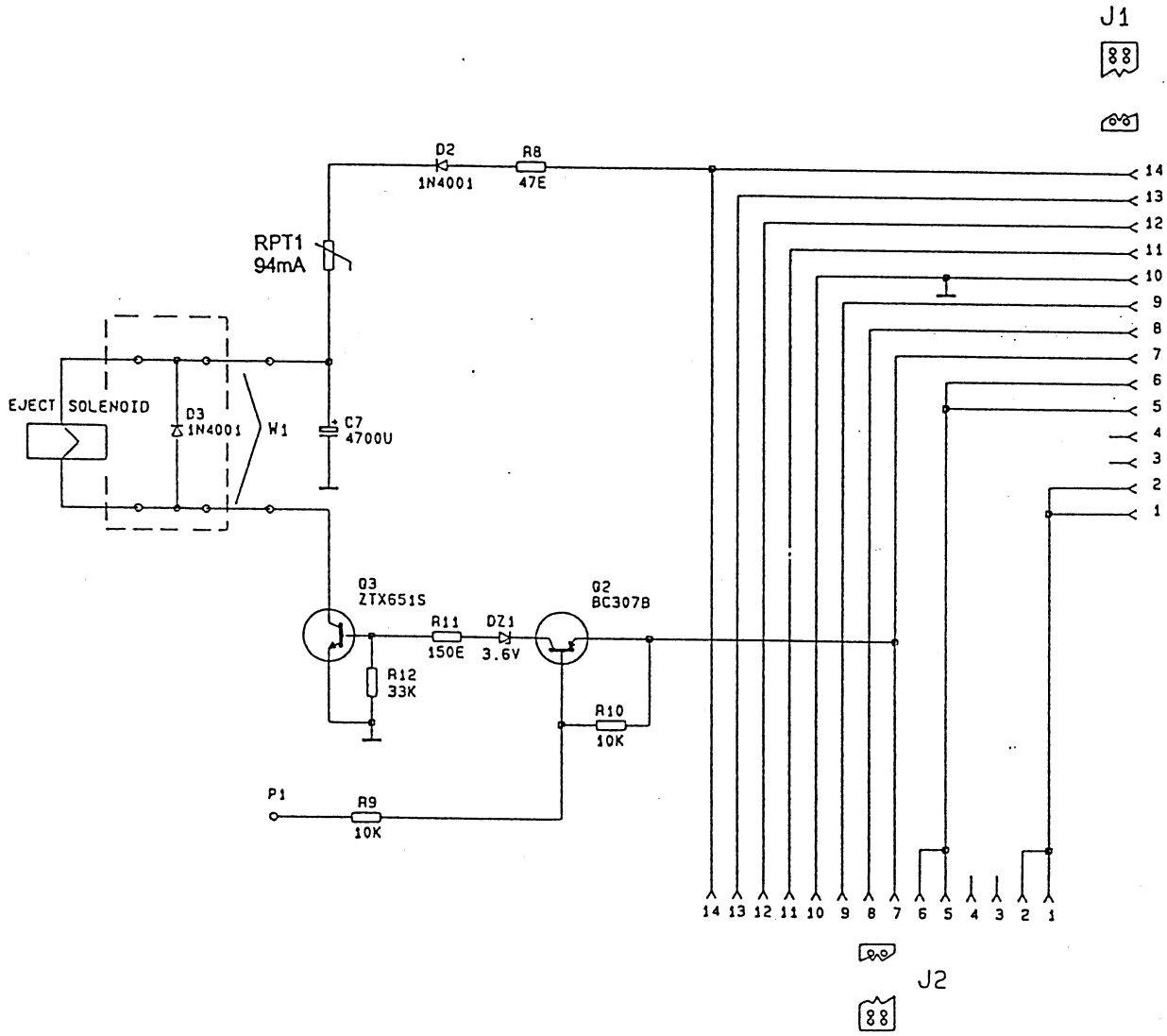
Comments:

Engineering Change History:

Index 00 (Jan 19 1996):
- Preliminary release for Purchase Dept.

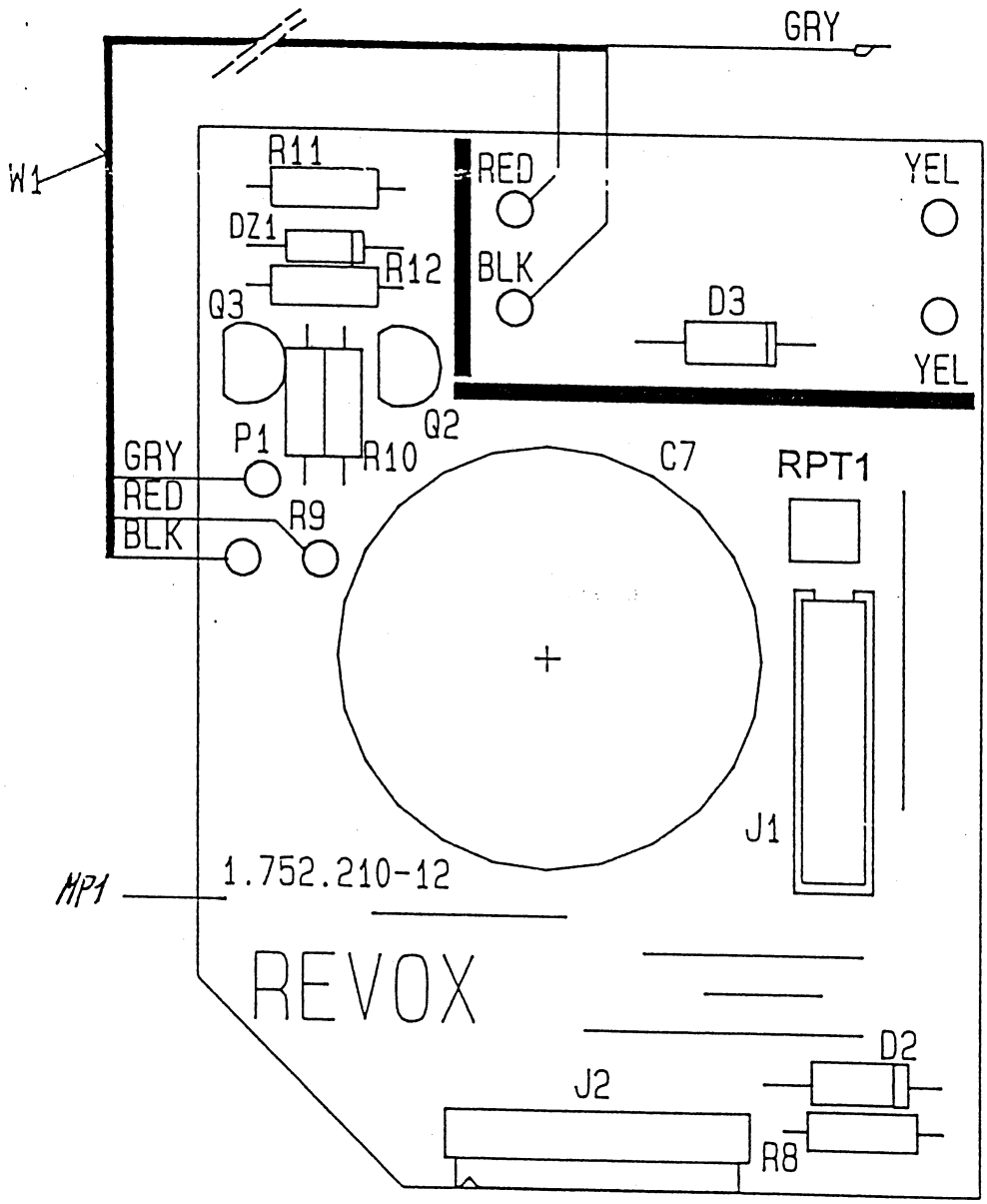
Index 01 (Mar 05 1996):
- MP2 added

Index 02 (Apr 25 1996):
- "Release for manufacturing"
- MP3, MP5, W3, W4 added
- W2 changed to 160mm
- J1, J2 changed from 54240102 to 54240113 (plastic nut)



12. April 1995

0 21.05.92 FAR	1 01.02.94 FAR			
	CC-TAPE DECK D-SERIE			PAGE 1 OF 1
REVOX	EJECT CONTROL		SC	1.755.210-00



1.06.92 FAR	1 01.02.94 FAR				
	CC-TAPE DECK D-SERIE			PAGE 1 OF 1	
REVOX	EJECT CONTROL			BP	1.755.210-00

B C D E F G H

9 8 7 6 5 4 3 2 1 0

Idx.	Pos. No.	Part No. / Index	Qty.	Value/Name	Part Description
0	C7	59.22.6472 01		4700 µF	C-EL 4 700µF 40V 27.5* 48 Teilk 25.5/21.5
0	D2	50.04.0122 01		1N4001	Diode, Silicon
0	D3	50.04.0122 01		1N4001	Diode, Silicon
0	DZ1	50.04.1135 01		3V6	Zener-Diode, 500 mW, 3.6 V, 5.1 * 2.3 mm
0	J1	54.14.5514 01		14-p	Micro-Match Connector, female, 14-pin, PCB mounted
0	J2	54.14.5534 01		14-p	Micro-Match Conn. fem. 14-pin, PCB mount. ang.
1	MP1	1.755.210.12 01	1pcs	Eject PCB	Eject Conteol PCB
0	MP2	43.02.0211 01	1pce	20 x 8 mm	Adhesive Label, paper
0	P1	54.02.0471 01			Steckerstift Typ B
0	P2	54.03.0201 01	5pcs	1-p	Snap-to-PCB Connector, for Wire 0.12...0.34 mm2
0	Q2	50.03.0515 01		BC557B	PNP Bipolar Small Signal Transistor
0	Q3	50.03.0523 01		ZTX 651	NPN Bipolar High Current Transistor
1	R8	57.11.3470 01		47E	R-MF, 47 Ohm, 1%, Tk 50, 0207
0	R9	57.11.3103 01		10k	R-MF, 10 kOhm, 1%, Tk 50, 0207
0	R10	57.11.3103 01		10k	R-MF, 10 kOhm, 1%, Tk 50, 0207
0	R11	57.11.3151 01		150E	R-MF, 150 Ohm, 1%, Tk 50, 0207
0	R12	57.11.3333 01		33k	R-MF, 33 kOhm, 1%, Tk 50, 0207
1	RPT1	57.92.1820 01		94 mA	Poly-PTC, I-nutz= 94 mA, R 25= 50 Ohm
0	W1	1.755.210.93 00	0pce	D-MC	LL EJECT CONTROL
0	W2	64.02.0180 01	500M	Black	Stranded Wire, AWG 26, 0.13mm²
0	W3	64.02.0182 01	500M	Red	Stranded Wire, AWG 26, 0.13mm²
0	W4	64.01.0106 01	1GR	D 0.6 mm	Jumper Wire, Sn coated >2 µm

End of List

Comments:

Wire GRY is on the POWER SUPPLY BOARD
1.755.200-XX.

Index 1 : 1.02.94 MP1 changed to 1.755.210.12
R8 changed to 47 Ohm 57.11.3470
RPT1 PTC 94mA 57.92.1820 added

Changing advice for Evolution-Display

In case of failure of the transformer T1 the following changes have to be carried out:

The old Transformer T1 item-No. 1.022.648.00 is not to be used any more. The replacement is Transformer-Replacement-Kit with the order-No. 1.750.014.00.

The whole movement complex consists of:

- the new transformer
- two resistors 22kOhm
- one capacitor 0,1 uF/160V
- two transistors BC 639

Rebuilding instruction for the movement complex:

1. Removal of the Transformer T1
2. Removal of the capacitor C4
3. Removal of the transistors Q1/Q2
4. Removal of the resistors R2 and R3
5. Cutting through the connection of substance below the transformer according to the enclosed sketch
6. Built-in of the transformer-unit
7. Built-in of the capacitor 0,1 uF MPP
8. Built-in of the new transistors Q1/Q2
9. Built-in of the new resistors R2 and R3

Note: The failure of the transformer T1 often causes also the failure of the transistor Q33 of the Evolution-amplifier. This mistake can be recognized when the display during the standby-running is not really dark switched. Please take care by reparing displays.

Reference to integrate the transformer-unit:

Änderungsmeldung Evolution-Display

Bei Ausfall des Transformators T1 müssen nachfolgende Änderungen durchgeführt werden:

Der alte Transformator T1 mit der Artikelnummer 1.022.648.00 wird nicht mehr verwendet. Ersatz ist der Transformer-Replacement-Kit mit der Bestell-Nr. 1.750.014.00.

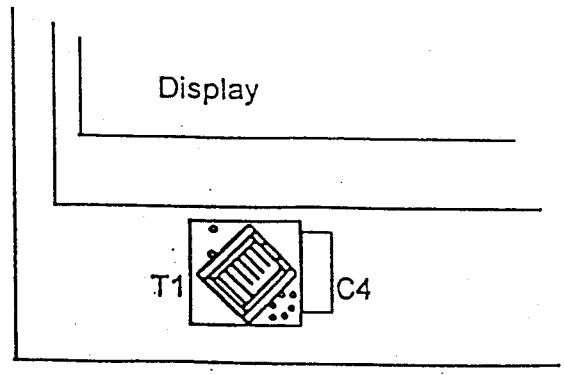
Der Umrüstsatz besteht aus:
- dem neuen Trafo
- zwei Widerständen 22 kOhm
- ein Kondensator 0,1 µF/ 160 V
- zwei Transistoren BC 639

Umbauanleitung für den Umrüstsatz 1.750.014.00:

1. Ausbau des Transformators T1
2. Ausbau des Kondensators C4
3. Ausbau der Transistoren Q1/ Q2
4. Ausbau der Widerstände R2 und R3
5. Durchschneiden der Masseverbindung unter den Transformator nach beiliegender Skizze
6. Einbau der Transformer Unit
7. Einbau des Kondensators 0,1 µF MPP
8. Einbau der neuen Transistoren Q1/ Q2
9. Einbau der neuen Widerstände R2 und R3

Hinweis: *Der Ausfall des Transformators T1 verursacht oft auch den Ausfall des Transistors Q33 des Evolution-Verstärkers. Dieser Fehler zeigt sich, indem das Display im Standby-Betrieb nicht mehrganz dunkel geschaltet wird. Bitte bei Display-Reparaturen beachten.*

Einbau-Hinweis der Transformer-Unit:



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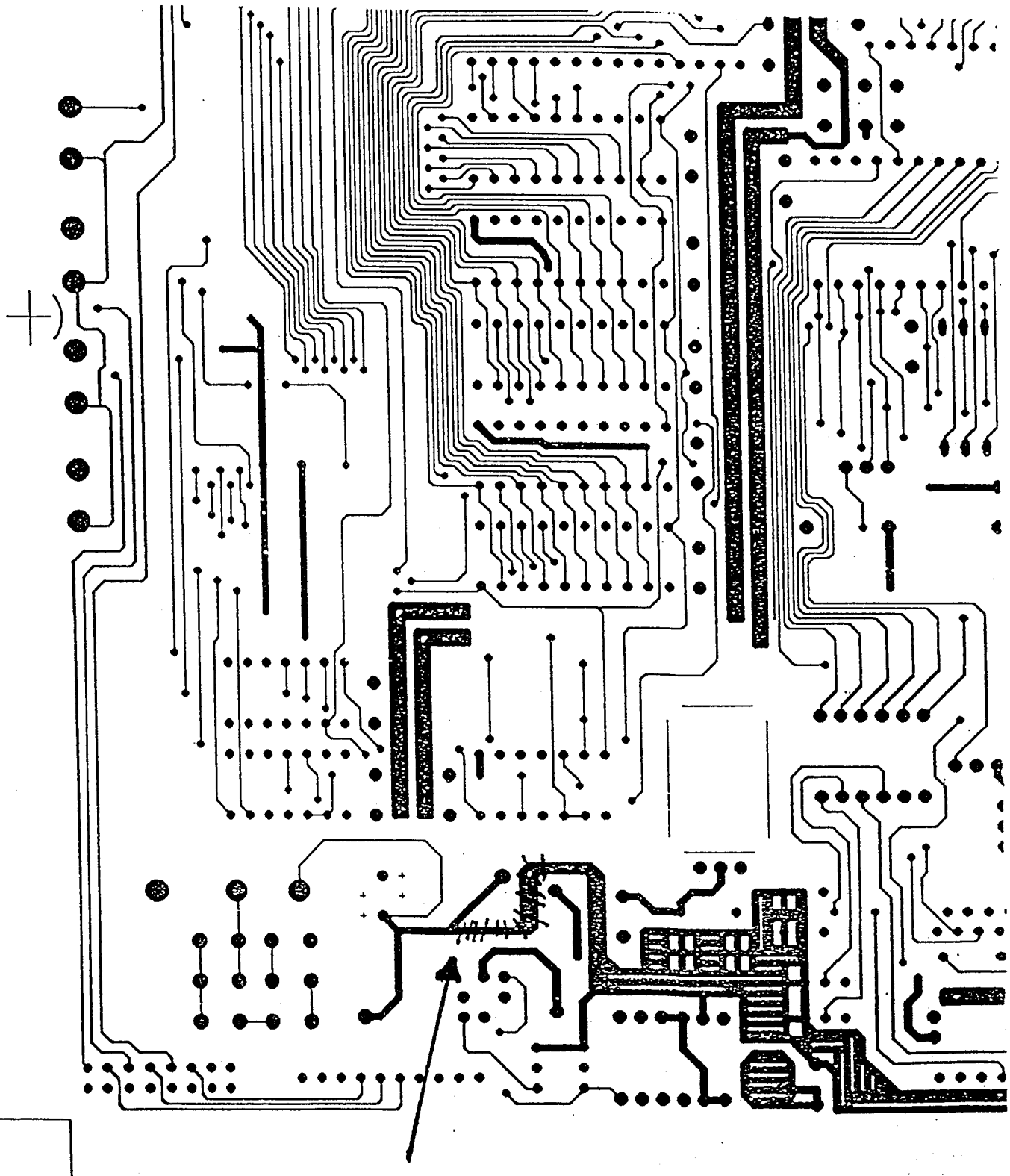


Idx.	Pos. No.	Part No. / Index	Qty.	Value/Name	Part Description

End of List

Comments:

Engineering Change History:

Index 00 (Jan 19 1996):
- Preliminary release for Purchase Dept.

Index 01 (Mar 05 1996):
- MP2 added

Index 02 (Apr 25 1996):
- "Release for manufacturing"
- MP3, MP5, W3, W4 added
- W2 changed to 160mm
- J1, J2 changed from 54240102 to 54240113 (plastic nut)

Changes EVO FM-Tuner-Board 1.752.188.22 to Deemphasis 75 uS

For the EVA FM-Tuner-Board with 75 uS Deemphasis have to be changend in opposit to the originalmounting 1.752.188.22 the following elements:

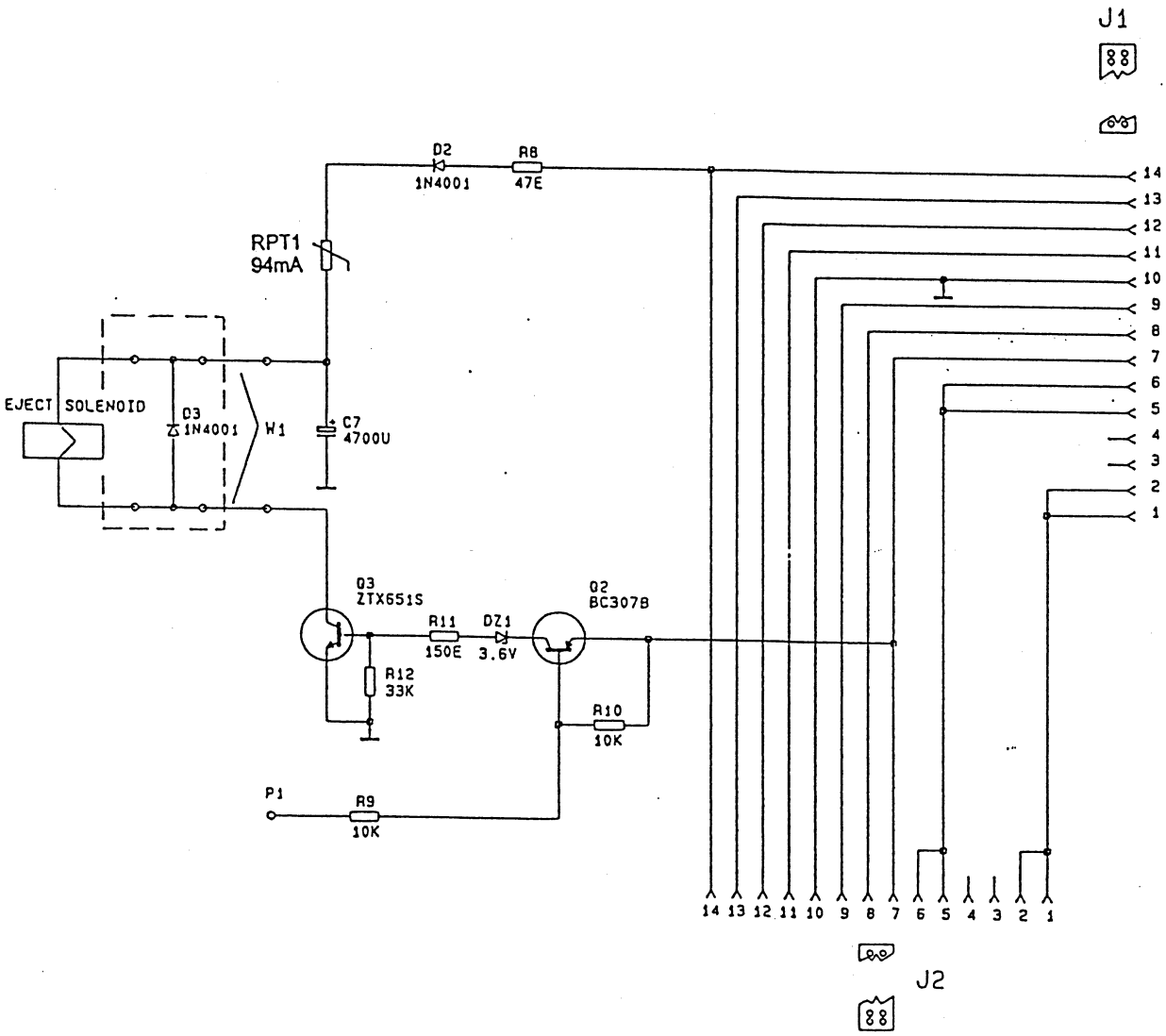
Pos.-No.	Item-No.	element-labels

Änderung EVO FM-Tuner-Board 1.752.188.22 auf Deemphasis 75μS

Für das EVO FM-Tuner-Board mit 75μS Deemphasis sind gegenüber der Originalbestückung 1.752.188.22 nachstehende Bauteile zu ändern:

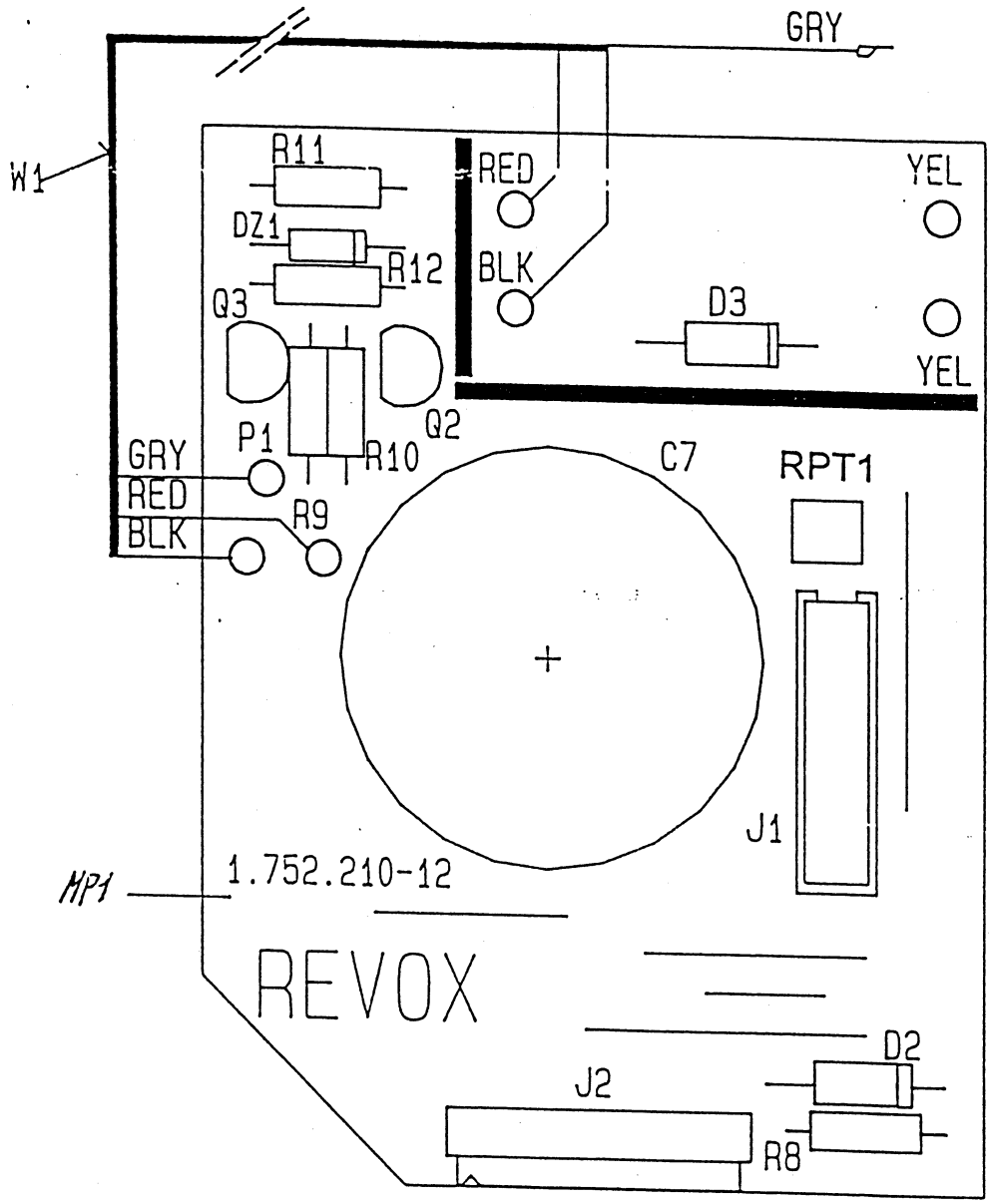
Pos.Nr.	Artikel Nr.	Bauteilbezeichnung		
IC 1	50.09.0105	NE 5532N	Signetics	
C 516	59.05.1472	4700pF	1%PP	
C 517	59.34.4331	330pF	5%CER	
C 519	59.34.4331	330pF	5%CER	
C 520	59.05.1472	4700pF	1%PP	
C xxx	59.34.4101	100pF	5%CER	parallel zu C 517
C xxx	59.34.4101	100pF	5%CER	parallel zu C 519
R 525	57.11.3623	62k	1%	
R 526	57.11.3623	62k	1%	

Idx.	Pos. No.	Part No. / Index	Qty.	Value/Name	Part Description
0	C1	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C2	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C3	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C4	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C5	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C6	59.06.0104 01		100 nF	C-PE 0.1 µF 10% 63V 2.5*7.5* 8.0
0	C7	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C8	59.06.0104 01		100 nF	C-PE 0.1 µF 10% 63V 2.5*7.5* 8.0
0	C9	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C10	59.32.1101 01		100 pF	C-CER 100pF 10% 400V RM 5 K 2000
0	C11	59.06.0104 01		100 nF	C-PE 0.1 µF 10% 63V 2.5*7.5* 8.0
0	D1	50.04.0125 01		1N4448	Diode, silicon, 75 V, 150 mA
0	IC1	50.09.0117 02		MC33078	Dual Low Noise OpAmp
2	J1	54.24.0113 01		3-p	Stereo Jack Socket, 6.3mm, PCB horiz. plastic nut
2	J4	54.24.0113 01		3-p	Stereo Jack Socket, 6.3mm, PCB horiz. plastic nut
0	K1	56.04.0197 01		24 V	Relay, 2 x U, 24 V, PCB mount
0	MP1	1.751.255.12 00		Empty PCB	Insert Unit PCB
1	MP2	1.726.780.01 01	1pce		Mounting Bracket, tin plated
2	MP3	54.03.0201 01	2pcs	1-p	Snap-to-PCB Connector, for Wire 0.12...0.34 mm2
2	MP4	43.01.0108 01		Warning Label	ESE-Warning Label, adhesive yellow paper, ø5mm
2	MP5	28.21.2405 01	1pce	3.0x4.0	Tubular Rivet, DIN 7340 ø=3.0, l=4.0
0	P1	54.14.5610 01		10-p	Micro-Match Direct Soldering Connector for Flat Cable
0	P2	54.14.5560 01		10-p	Micro-Match Connector, male, for Flat Cable 1.27mm
0	R1	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R2	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R3	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R4	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R5	57.11.3473 01		47k	R-MF, 47 kOhm, 1%, Tk 50, 0207
0	R6	57.11.3473 01		47k	R-MF, 47 kOhm, 1%, Tk 50, 0207
0	R7	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R8	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R9	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	R10	57.11.3561 01		560E	R-MF, 560 Ohm, 1%, Tk 50, 0207
0	W1	64.01.0106 01		D 0.6 mm	Jumper Wire, Sn coated >2 µm
2	W2	64.03.0213 01	160pcs	10-p	Flat Cable 1.27 mm, AWG 28
2	W3	64.02.0110 01	300mm	Black	Stranded Wire, AWG 24, 0.22mm²
					Note: W3, W4 twisted
2	W4	64.02.0113 01	300mm	Orange	Stranded Wire, AWG 24, 0.22mm²
					Note: W3, W4 twisted



12. April 1995

0 21.05.92 FAR	1 01.02.94 FAR			
	CC-TAPE DECK D-SERIE			PAGE 1 OF 1
REVOX	EJECT CONTROL		SC	1.755.210-00



1.06.92 FAR	1 01.02.94 FAR				
	CC-TAPE DECK D-SERIE				PAGE 1 OF 1
REVOX	EJECT CONTROL			BP	1.755.210-00

B C D E F G H

9 8 7 6 5 4 3 2 1 0

Annotated Parts List (Detail)

REVOX AG

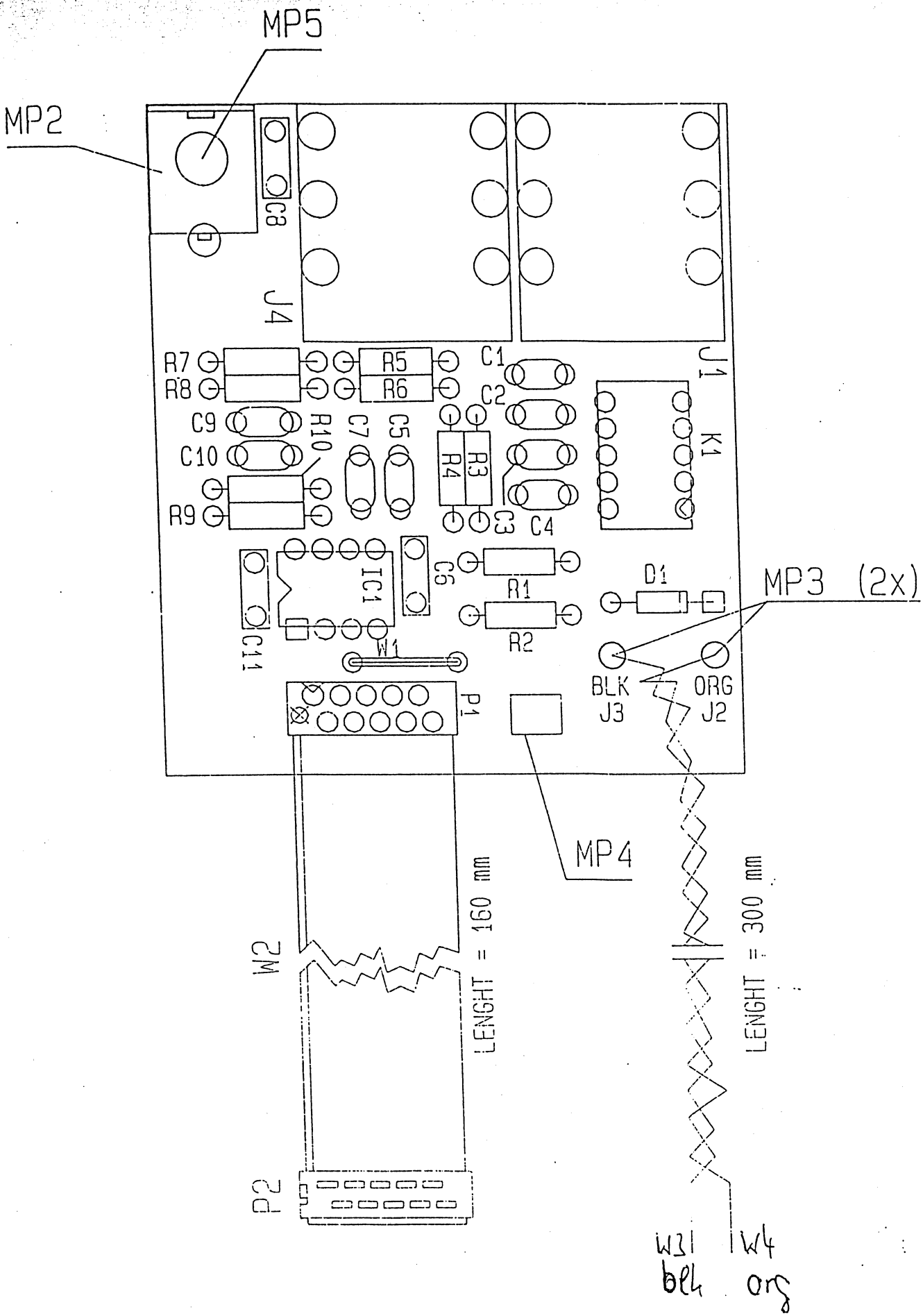
Idx.	Pos. No.	Part No. / Index	Qty.	Value/Name	Part Description
0	C7	59.22.6472 01		4700 µF	C-EL 4 700µF 40V 27.5* 48 Teilk 25.5/21.5
0	D2	50.04.0122 01		1N4001	Diode, Silicon
0	D3	50.04.0122 01		1N4001	Diode, Silicon
0	DZ1	50.04.1135 01		3V6	Zener-Diode, 500 mW, 3.6 V, 5.1 * 2.3 mm
0	J1	54.14.5514 01		14-p	Micro-Match Connector, female, 14-pin, PCB mounted
0	J2	54.14.5534 01		14-p	Micro-Match Conn. fem. 14-pin, PCB mount. ang.
1	MP1	1.755.210.12 01	1pcs	Eject PCB	Eject Conteol PCB
0	MP2	43.02.0211 01	1pce	20 x 8 mm	Adhesive Label, paper
0	P1	54.02.0471 01			Steckerstift Typ B
0	P2	54.03.0201 01	5pcs	1-p	Snap-to-PCB Connector, for Wire 0.12...0.34 mm2
0	Q2	50.03.0515 01		BC557B	PNP Bipolar Small Signal Transistor
0	Q3	50.03.0523 01		ZTX 651	NPN Bipolar High Current Transistor
1	R8	57.11.3470 01		47E	R-MF, 47 Ohm, 1%, Tk 50, 0207
0	R9	57.11.3103 01		10k	R-MF, 10 kOhm, 1%, Tk 50, 0207
0	R10	57.11.3103 01		10k	R-MF, 10 kOhm, 1%, Tk 50, 0207
0	R11	57.11.3151 01		150E	R-MF, 150 Ohm, 1%, Tk 50, 0207
0	R12	57.11.3333 01		33k	R-MF, 33 kOhm, 1%, Tk 50, 0207
1	RPT1	57.92.1820 01		94 mA	Poly-PTC, I-nutz= 94 mA, R 25= 50 Ohm
0	W1	1.755.210.93 00	0pce	D-MC	LL EJECT CONTROL
0	W2	64.02.0180 01	500M	Black	Stranded Wire, AWG 26, 0.13mm²
0	W3	64.02.0182 01	500M	Red	Stranded Wire, AWG 26, 0.13mm²
0	W4	64.01.0106 01	1GR	D 0.6 mm	Jumper Wire, Sn coated >2 µm

End of List

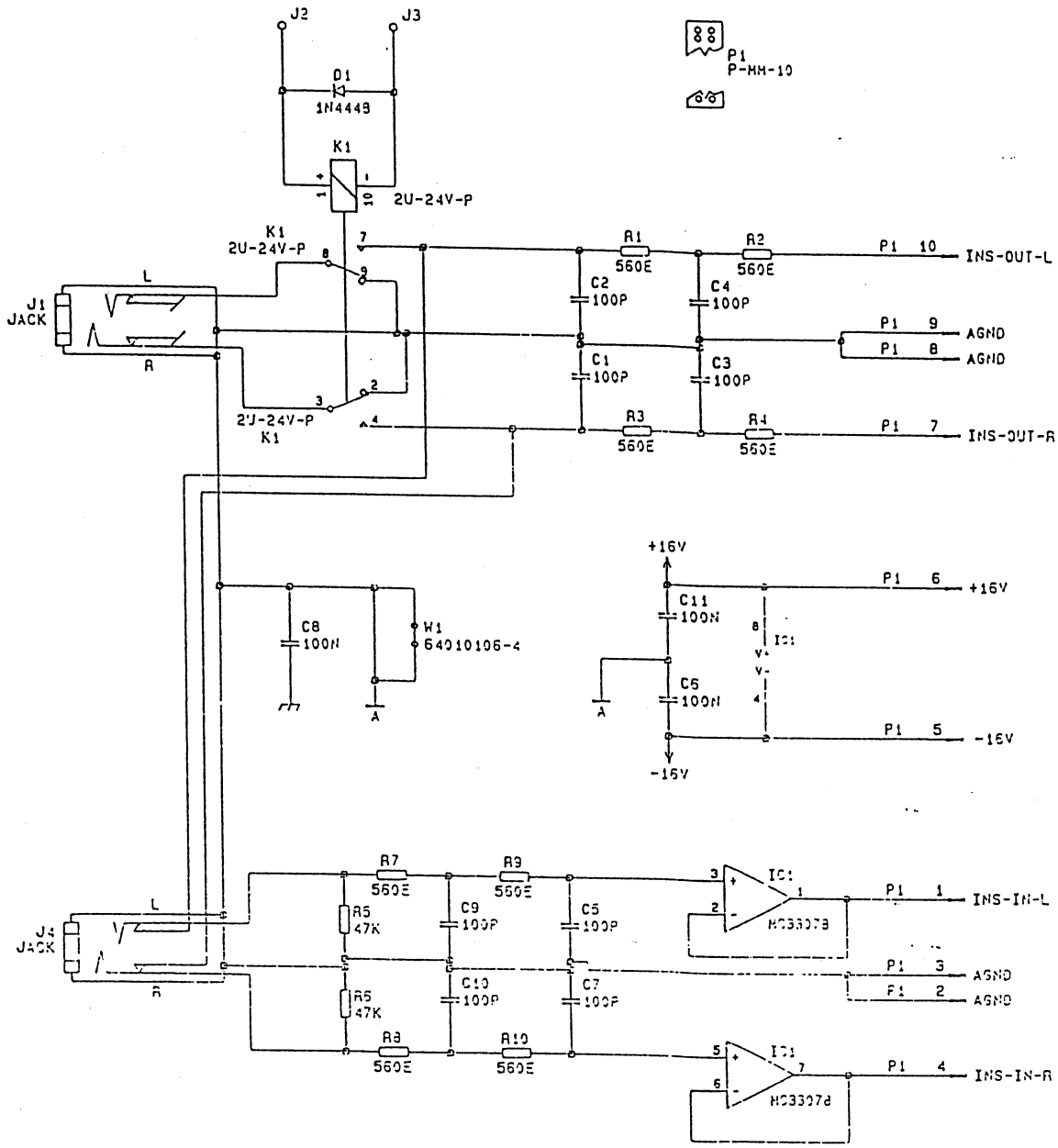
Comments:

Wire GRY is on the POWER SUPPLY BOARD
1.755.200-XX.

Index 1 : 1.02.94 MP1 changed to 1.755.210.12
R8 changed to 47 Ohm 57.11.3470
RPT1 PTC 94mA 57.92.1820 added



D 24/APR/95 sid								
			EVOLUTION AMPLIFIER D-AMP				PAGE 1 OF 1	
REVOX			PRE-OUT / INSERT UNIT				BP 1.751.255-81	
A	B	C	D	E	F	G	H	



0 24/APR/96-SIO		
	EVOLUTION - AMPLIFIER	PAGE 1 OF 1
REVOX	PRE-OUT / INSERT UNIT	SC 1.751.255-81

TRANSFORMER

POWER SWITCH

AC POWER

100V-1
100V-0
+70/+35V
-70/-35V
+36V
-24V-S
+58/+25V
-58/-25V
5V
5V-S
+24V
+24V-S
+16V
-16V
+7V
-7V
0V

AC/DC

VOLT REG

-PON-100
-PON-101
-PON

POWER FAIL DETECT
PFD2
PFD1
-HI-POW

TAPE OUTPUT

AUX IN

-MON

DUAL DAC

-CS-L
-STR-VOL
-DAC A/B
DATA

BASS
TREBLE

POWER AMPLIFIER
-NTC
A

SPEAKERS B
-SP-A
-SP-B

PHONES
L-SP
-PH-ON

-MR
-CS-R
-STR-VOL
-DAC A/B
DATA
CLOCK
STR-TON
IIC-ON
TO RIGHT CHANNEL

P/S

MR-L
MON-L
MR-R
MON-R
0V-REF
TO RIGHT CHANNEL

R-SP
TO RIGHT POWER AMP

MON-L
MON-R
MR-L
MR-R
0VREF
RESET
PON=5V-S
AGND
0V-REF
-7V
+7V
AUDIO BUS
UPPER PRISM
TO POWER SUPPLY
TO POWER SUPPLY

DC DETECT
L-SP
R-SP

EEPROM 1024x8

MULTIROOM BALANCED
MR-L
0V-A
MR-R
MULTI ROOM 9pol D-TYPE MALE

+5V
VDD

-MON
-MR
RESET-E
-CSL
-CSR
-STR-VOL
DAC -A/B
STR-TON
-HIPOW
-SP-B
-SP-A
-PH-ON
-PON-100
-PON-101
-PON
-NTC
CLOCK
DATA
PFD2
PFD1
DISP
IIC-ON
NF
-DC
CFGT
SYNI
STRT

P4.7
P1.0
P4.6
P4.5
P4.1
P4.4
P4.3
P4.0
P1.4
P3.4
P3.5
P4.2
PWM1
PWM0
P1.5
P5.0/ADC0
P1.6/SCL
P1.7/SDA
P5.1/ADC1
P5.4/ADC4
P5.2/ADC2
P3.3
P5.7/ADC7
P5.6/ADC6
P5.3/ADC3
P1.2/CT0
P5.5/ADC5
P1.1
AV-SS
AV-DD
AREF+
AREF-
STADC

PCB80C552

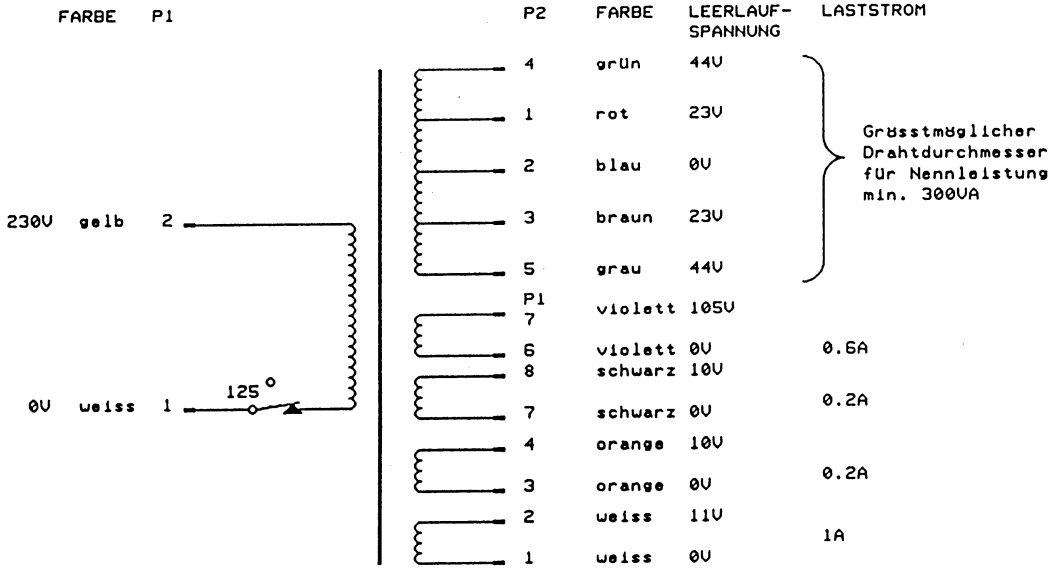
-PSEN
ALE
-EA
VSS
VSS
-WR
-RD
-EW
AD0..AD7
A8..A15
RST
P1.3
XTAL1
XTAL2
P3.2/-INT0
RXD
TXD

LATCH
ADRESS
DATA
SRAM 8K
ROM 64K
ROM 64K
EXTERNAL
RESET CIRCUIT
-LED
STANDBY LED
+5V
0V-D
BACKUP BATTERY
DATA
CLOCK
CLOCK
IR
RESET
DISP
DISPLAY PRISMA 9pol D-TYPE FEMALE
REMOTE DISPLAY 9pol D-TYPE FEMALE
TO POWER SUPPLY
+5V
0V-D
+24V-S

SYNI
CFGT
STRT
SCL-T
DATA-T
DATA
DATA-T
TX
RX
GND
0V-TUN
+36V
+24V
+5V
100V-1
100V-0
LOWER PRISM
TO POWER SUPPLY

+5V-SW
CLOCK

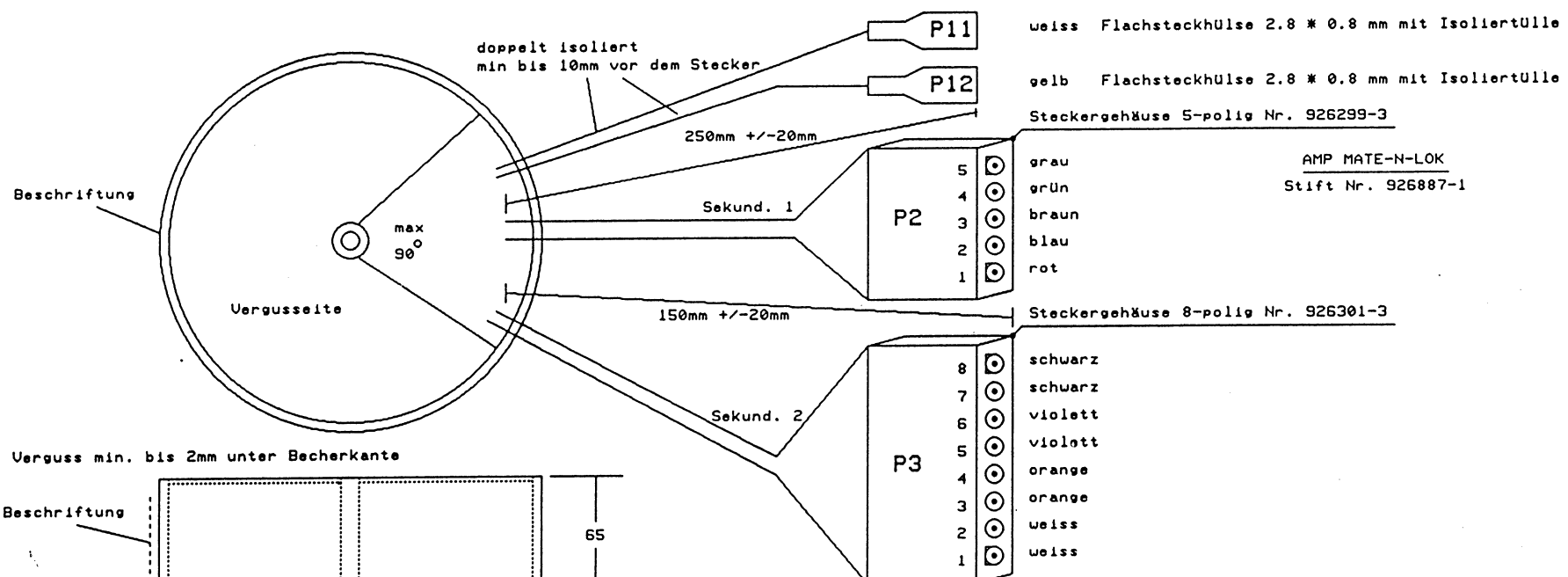
0 FEB-27-91 HA	JUL-18-92 HA			PAGE 1 OF 1
	AMPLIFIER			
REVOX	BLOCK DIAGRAM		SC	1.751.100.00



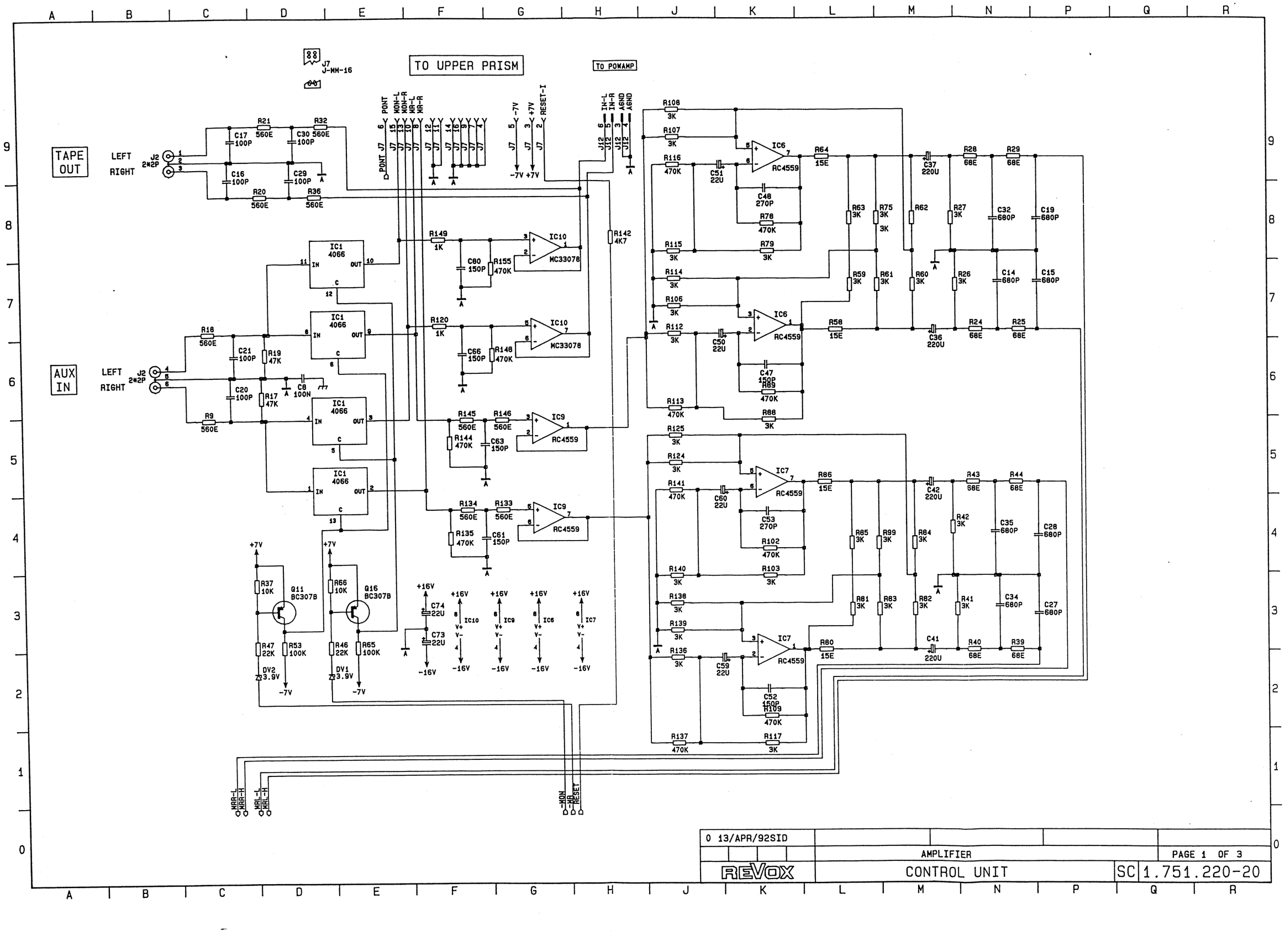
Streuarme Ausfuhrung, Blechschirm eingegossen

Wicklungen auf dem Kern gleichmässig verteilt,um möglichst kleines, symmetrisches Streufeld zu erhalten.

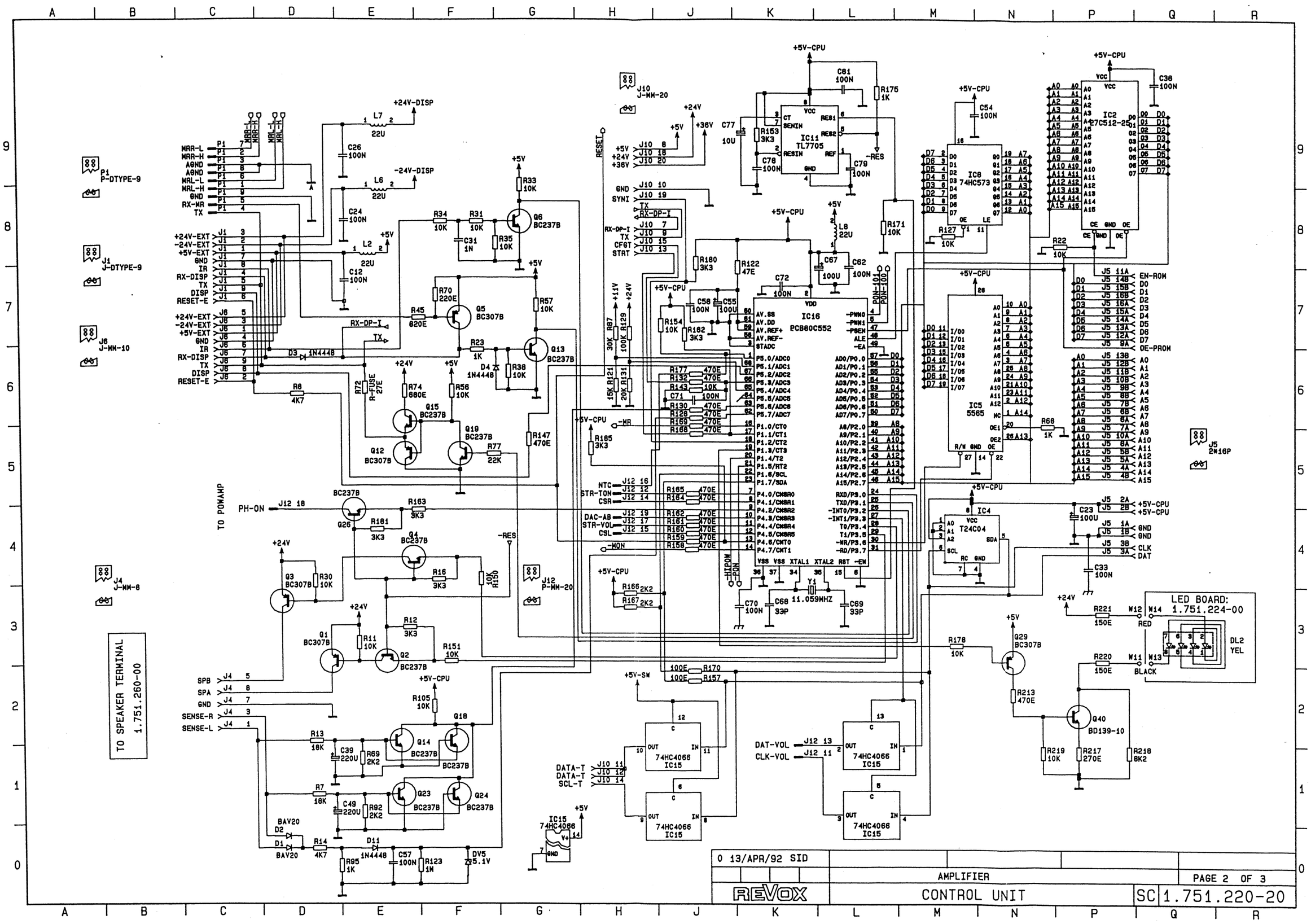
Streufeld	:	max. 4A/m in 10cm Abstand allseitig, gemessen mit Störfeldmessspule nach DIN 45410. Belastung: primär Nennspannung, sekundär grün - grau mit 150 Ohm belastet.
Frequenz	:	50...60Hz.
Spannungsfestigkeit	:	3kVeff primär gegen sekundär. 500Veff Wicklungen untereinander. (IEC-65, Klasse II)
Erwärmung:	:	Bei Nennlast 300VA und 20°C Umgebungstemperatur max 85°C.
Thermoschalter	:	Schaltschwelle 125°+/-5°C.
Gehäuse	:	Eingegossen in schwarzem Kunststoffbecher.
Anschlüsse	:	AWG-Litzen mit AMP MATE-N-LOK gemäss Skizze, Uebergang Draht - Litze im Trafo vergossen.
Beschriftung auf Becherwand	:	Lieferant, Herstelldatum, Prüfspannung mit Kontroll-Visum oder Stempel.

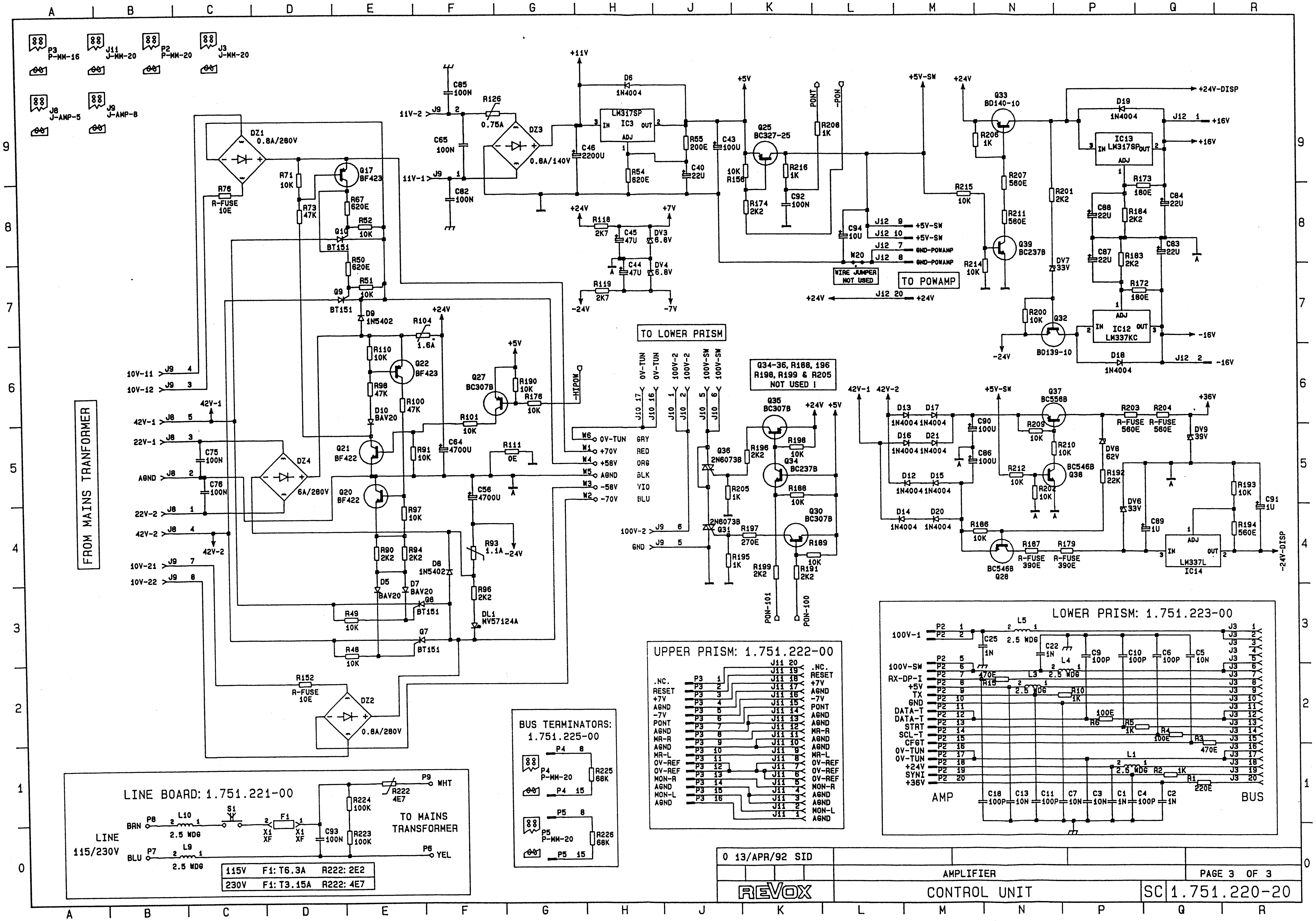


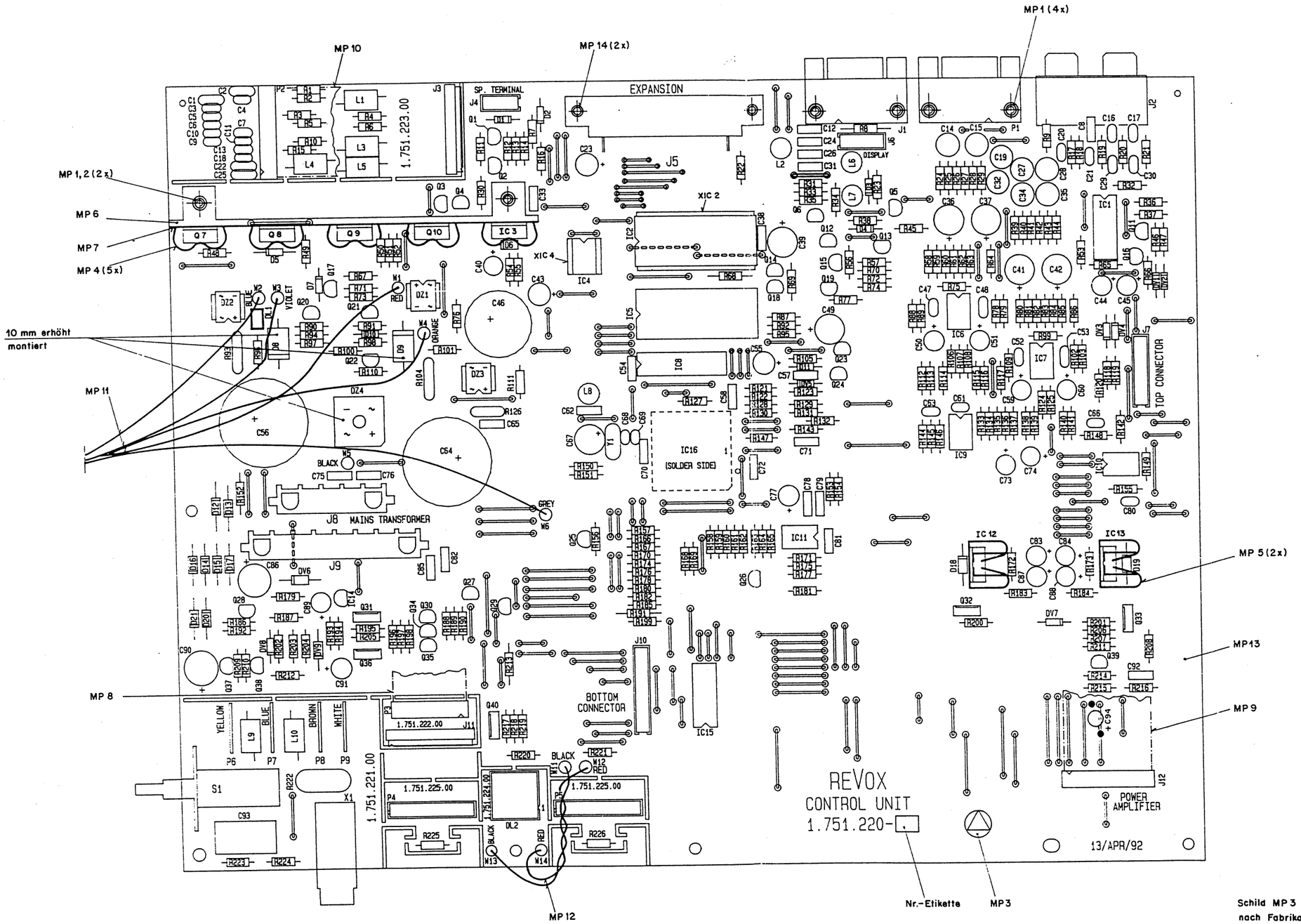
⓪ MAR-11-91 HA	○ DEC-05-91 HA	○	○	○	
	AMPLIFIER				PAGE 1 OF 1
REVOX	MAINS TRANSFORMER 230V			SC	1.751.200.00



0 13/APR/92SID				
		AMPLIFIER		PAGE 1 OF 3
REVOX	CONTROL UNIT		SC	1.751.220-20


P1 P-DTYPE-9
J1 J-DTYPE-9
J6 J-MM-10
J4 J-MM-8
J12 P-MM-20
J10 J-MM-20
J5 2*16P
MRR-L
MRR-H
AGND
AGND
MRL-L
MRL-H
GND
RX-MR
TX
+24V-DISP
-24V-DISP
+5V-EXT
-24V-EXT
IR
RX-DISP
DISP
RESET-E
RX-DP-I
TO POWAMP
PH-ON
TO SPEAKER TERMINAL 1.751.260-00
SPB
SPA
SENSE-R
SENSE-L
+5V-CPU
+24V
+36V
-RES
-MR
-MON
NTC
STR-TON
CSR
DAC-AB
STR-VOL
CSL
SYNI
CFGT
START
RESET
-HIPOM
-PON
IC11 TL7705
IC16 PCB80C552
IC8 74HC573
IC2 27C512-25
IC5 5565
IC4 T24C04
IC15 74HC4066
Y1 11.059MHZ
DAT-VOL
CLK-VOL
DATA-T
SCL-T
EN-ROM
OE-PROM
LED BOARD: 1.751.224-00
RED
BLACK
DL2 YEL
0 13/APR/92 SID
AMPLIFIER
PAGE 2 OF 3
REVOX
CONTROL UNIT
SC 1.751.220-20

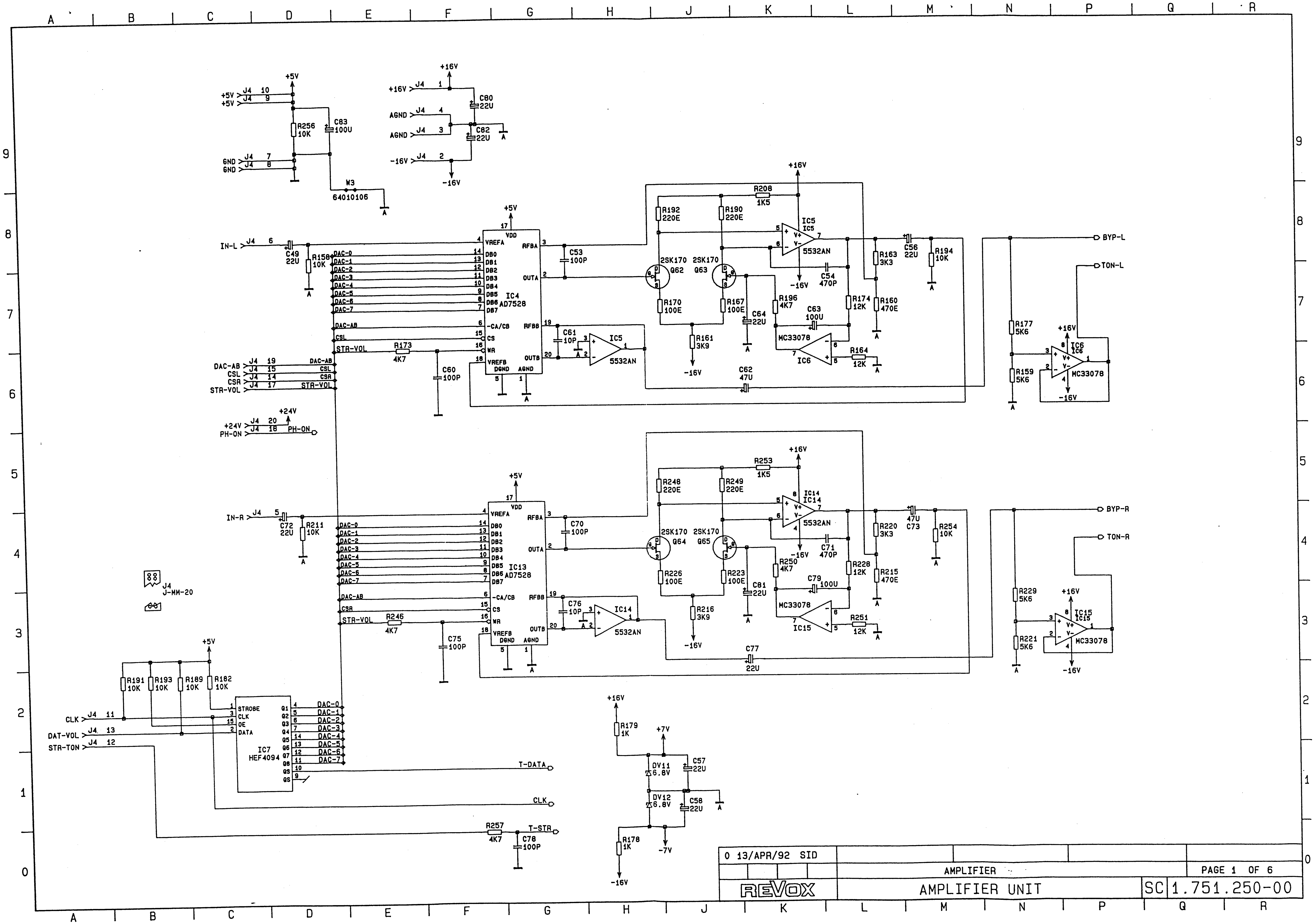

FROM MAINS TRANFORMER
TO LOWER PRISM
TO POWAMP
WIRE JUMPER NOT USED
Q34-36, R188, 196
R198, R199 & R205
NOT USED !
LINE BOARD: 1.751.221-00
LINE 115/230V
TO MAINS TRANSFORMER
115V F1: T6.3A R222: 2E2
230V F1: T3.15A R222: 4E7
BUS TERMINATORS:
1.751.225-00
UPPER PRISM: 1.751.222-00
LOWER PRISM: 1.751.223-00
AMP
BUS
0 13/APR/92 SID
AMPLIFIER
PAGE 3 OF 3
REVOX
CONTROL UNIT
SC 1.751.220-20



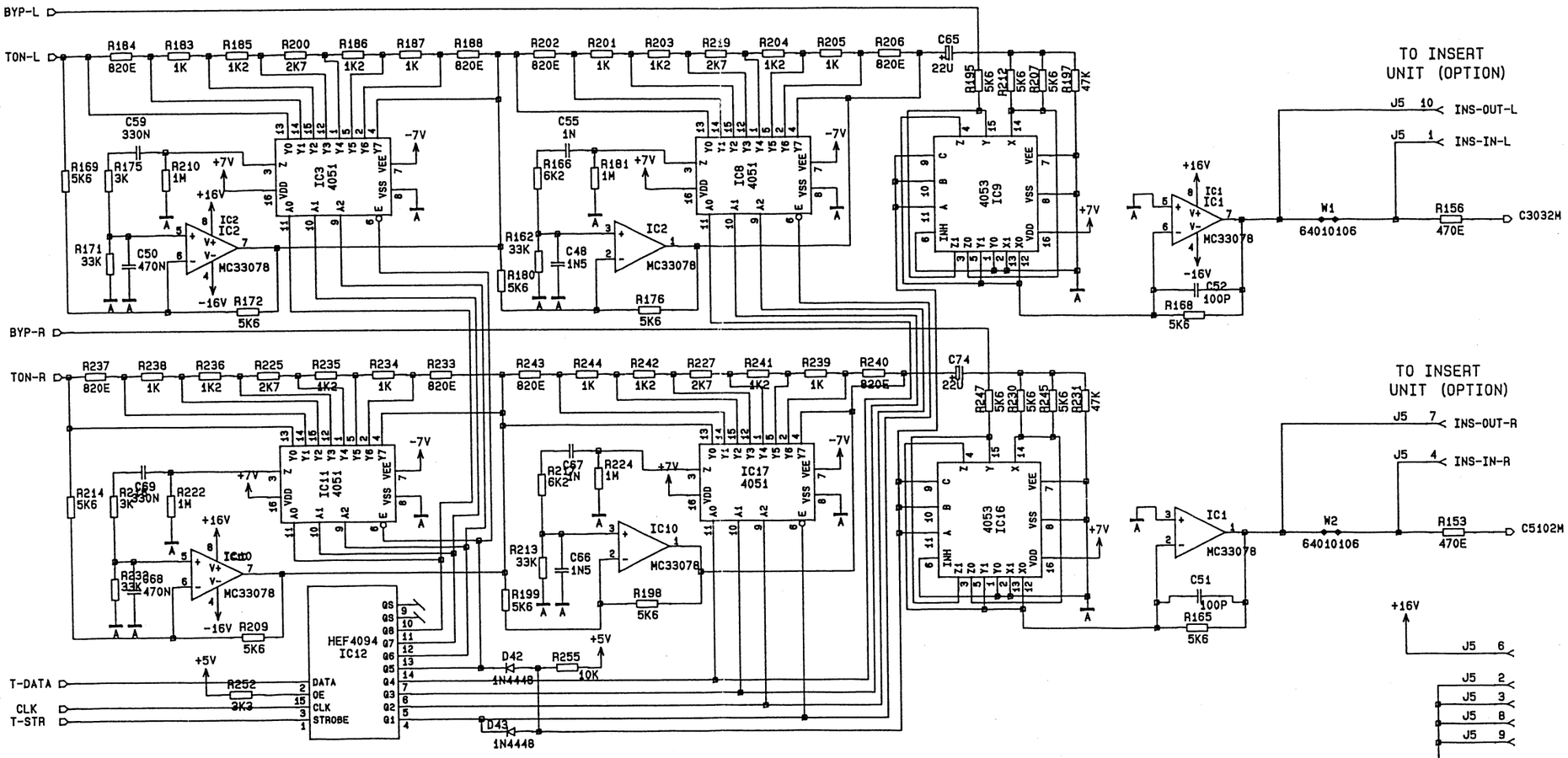
Schild MP 3 aufgeklebt
nach Fabrikationsmuster

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.:		Änderung: 7.7.92 Km. (3) / 23.4.92 2 sid (2) / (1)
Zugehörige Unterlagen: PL	Freimasstoleranz: ±	Maßstab: 1,5 : 1	Ausgabe: 29.2.92 (0)
Ersatz für:	Ersetzt durch:		Kopie für:
STUDER REGENSDORF ZÜRICH	Benennung: CONTROL UNIT ESE		Nummer: 1.751.220-20

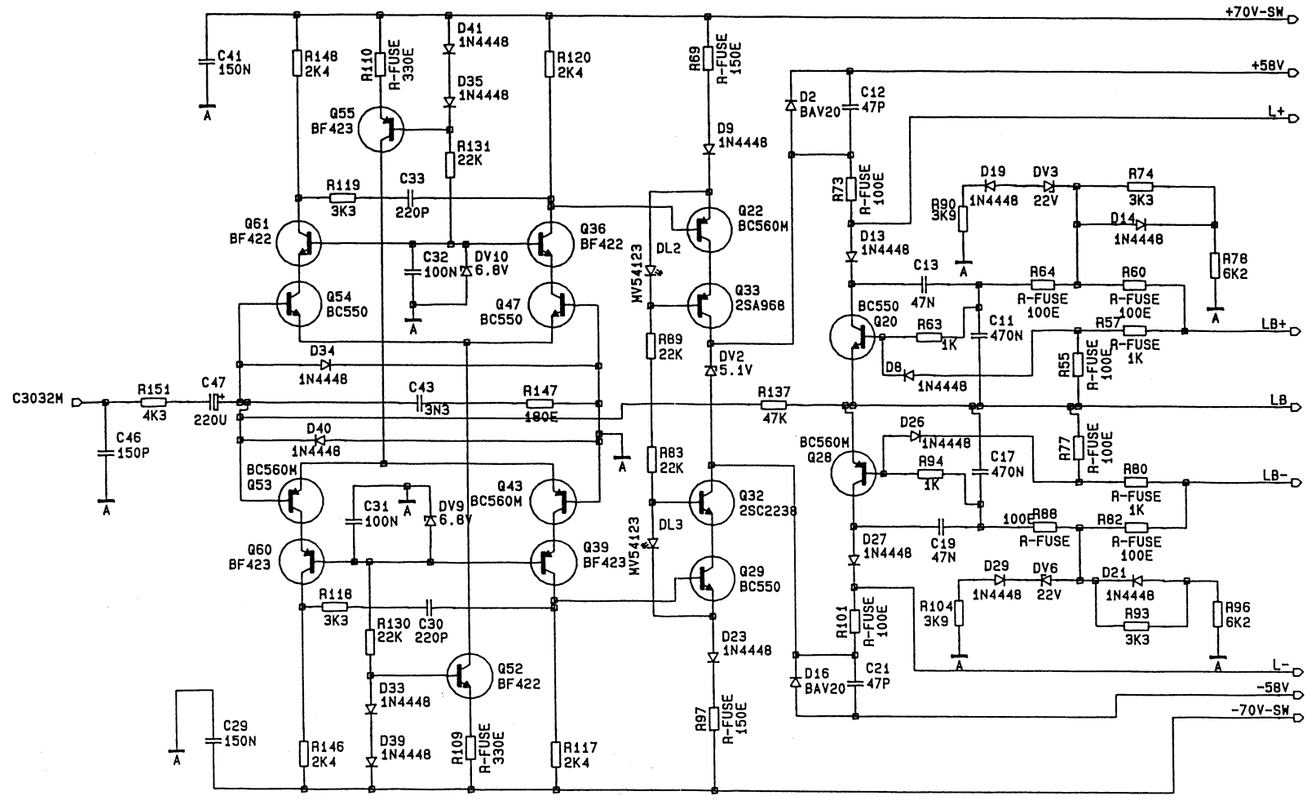
Ausgabe: Datum | Gez. | Gepr.: Ges. | Index



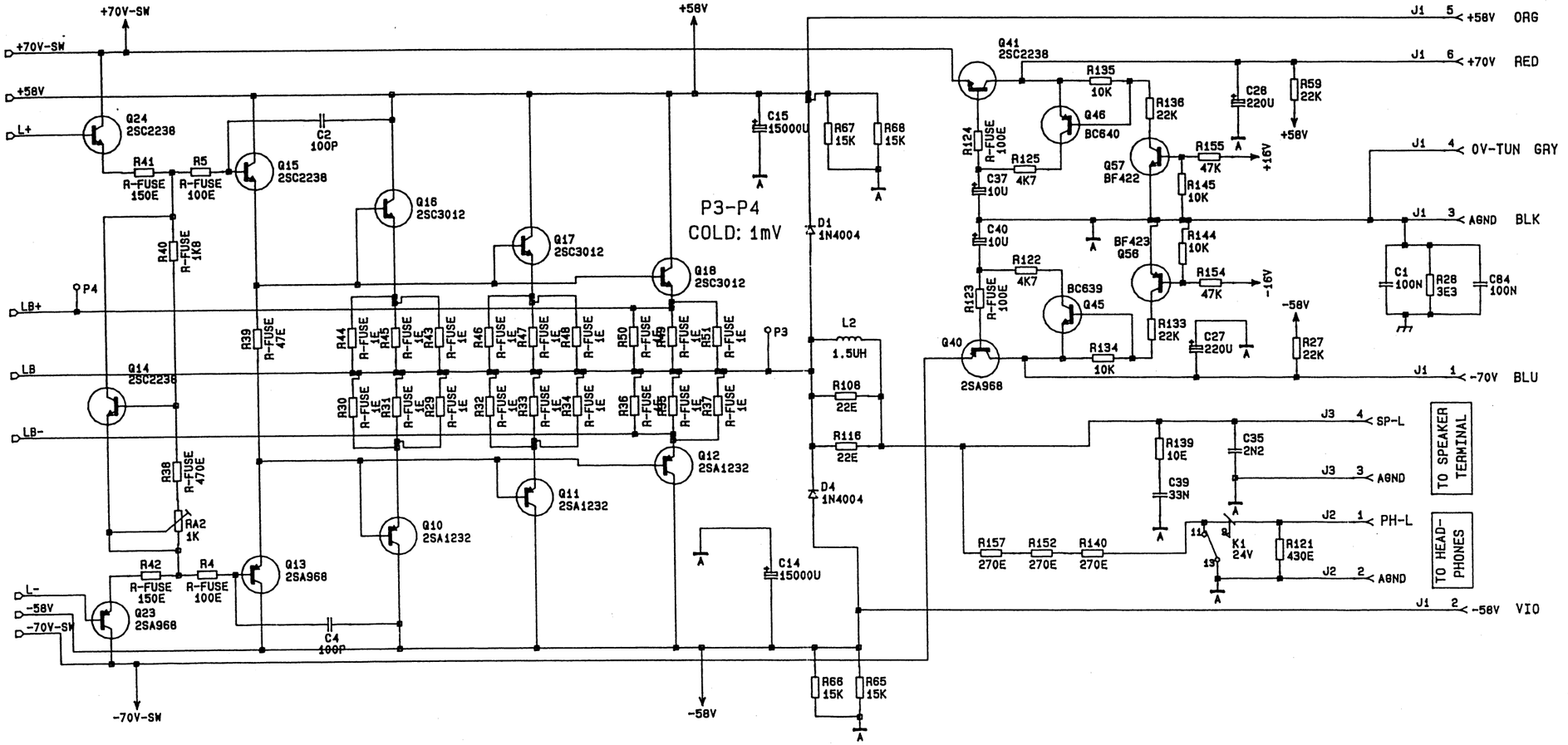
+5V
J4
GND
R256 10K
C83 100U
W3 64010106
+16V
AGND
-16V
C80 22U
C82 22U
IN-L
C49 22U
R158 10K
DAC-0
DAC-1
DAC-2
DAC-3
DAC-4
DAC-5
DAC-6
DAC-7
DAC-AB
CSL
CSR
STR-VOL
IC4 AD7528
VREFA
VDD
RFBA
OUTA
RFBB
OUTB
VREFB
DGND
AGND
-CA/CB
CS
WR
C53 100P
C61 10P
C60 100P
R173 4K7
IC5 5532AN
R192 220E
R190 220E
R208 1K5
2SK170 Q62
2SK170 Q63
R170 100E
R167 100E
R161 3K9
C64 22U
R196 4K7
C54 470P
C63 100U
R174 12K
MC33078
IC6
R164 12K
C62 47U
R163 3K3
R160 470E
C56 22U
R194 10K
BYP-L
TON-L
R177 5K6
R159 5K6
+24V
PH-ON
IN-R
C72 22U
R211 10K
IC13 AD7528
C70 100P
C76 10P
C75 100P
R246 4K7
IC14 5532AN
R248 220E
R249 220E
R253 1K5
2SK170 Q64
2SK170 Q65
R226 100E
R223 100E
R216 3K9
C81 22U
R250 4K7
C71 470P
C79 100U
R228 12K
IC15
R251 12K
C77 22U
R220 3K3
R215 470E
47U C73
R254 10K
BYP-R
TON-R
R229 5K6
R221 5K6
J4 J-MM-20
R191 10K
R193 10K
R189 10K
R182 10K
CLK
DAT-VOL
STR-TON
STROBE
OE
DATA
IC7 HEF4094
T-DATA
R257 4K7
C78 100P
T-STR
R179 1K
+7V
DV11 6.8V
DV12 6.8V
C57 22U
C58 22U
R178 1K
-7V
0 13/APR/92 SID
AMPLIFIER
PAGE 1 OF 6
REVOX
AMPLIFIER UNIT
SC 1.751.250-00



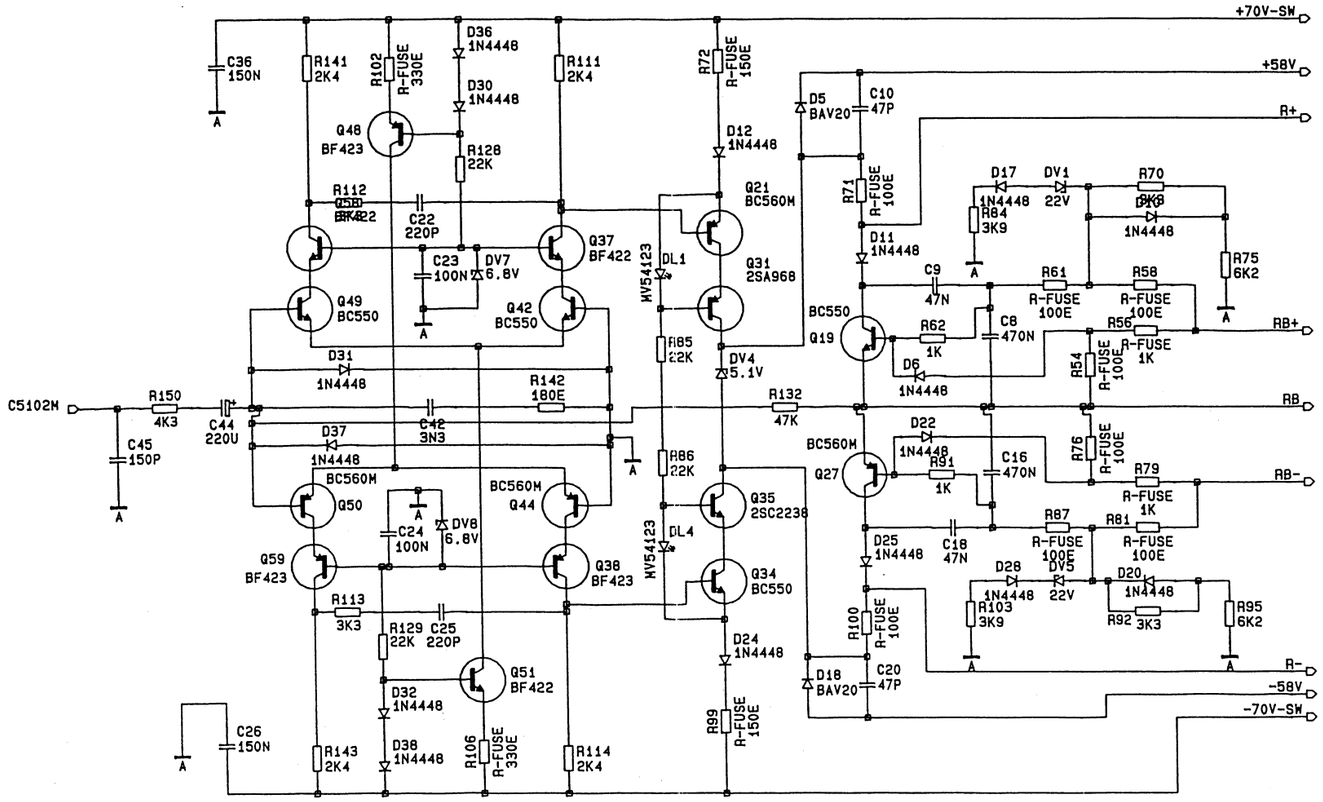
0 13/APR/92 SID			
	AMPLIFIER		PAGE 2 OF 6
REVOX	AMPLIFIER UNIT	SC	1.751.250-00



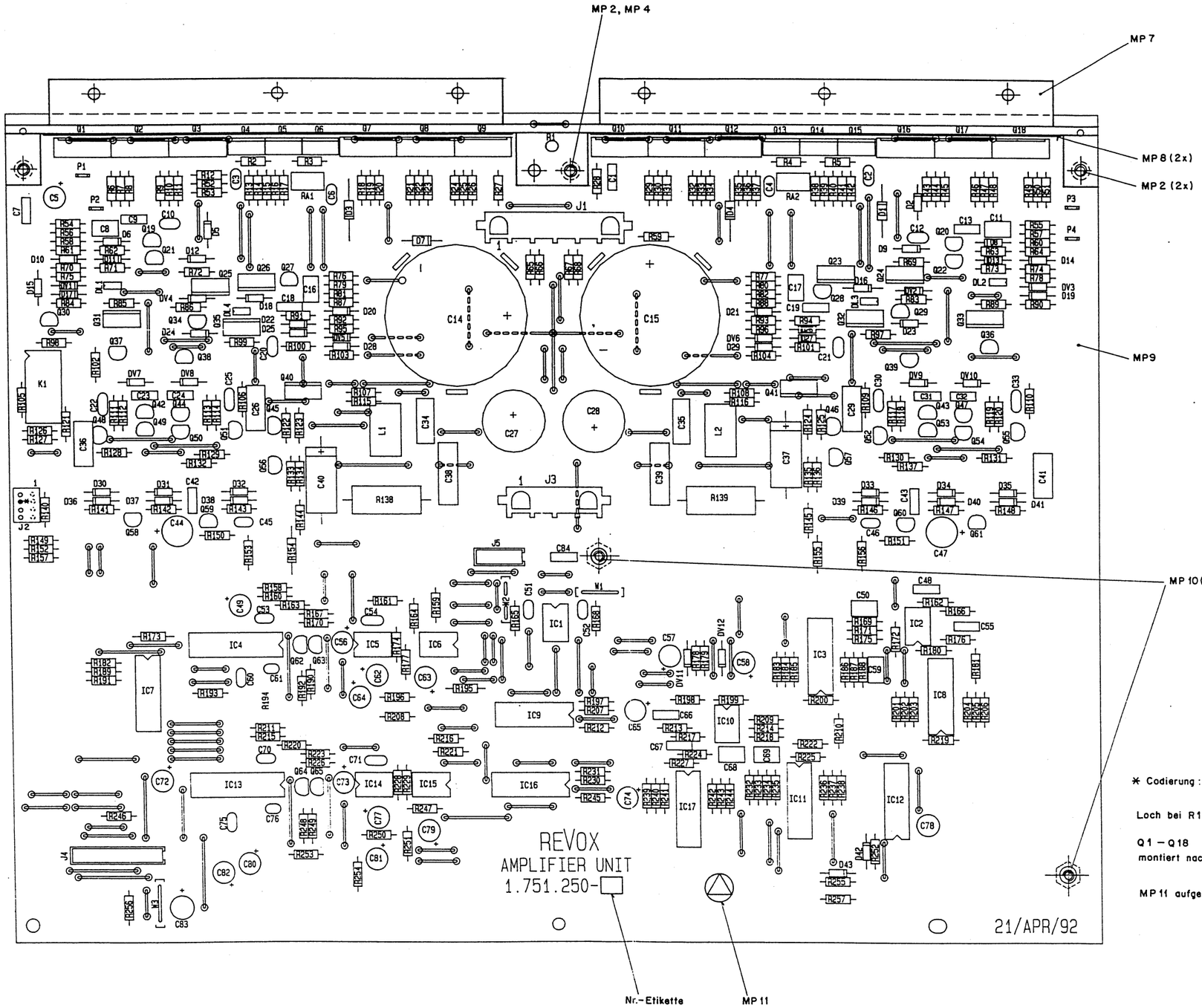
0 13/APR/92 SID				
	AMPLIFIER ...			PAGE 3 OF 6
REVOX	AMPLIFIER UNIT		SC	1.751.250-00



0 13/APR/92 SID			
	AMPLIFIER		PAGE 4 OF 6
REVOX	AMPLIFIER UNIT	SC	1.751.250-00



0 13/APR/92 SID				
	AMPLIFIER			PAGE 5 OF 6
REVOX	AMPLIFIER UNIT		SC	1.751.250-00



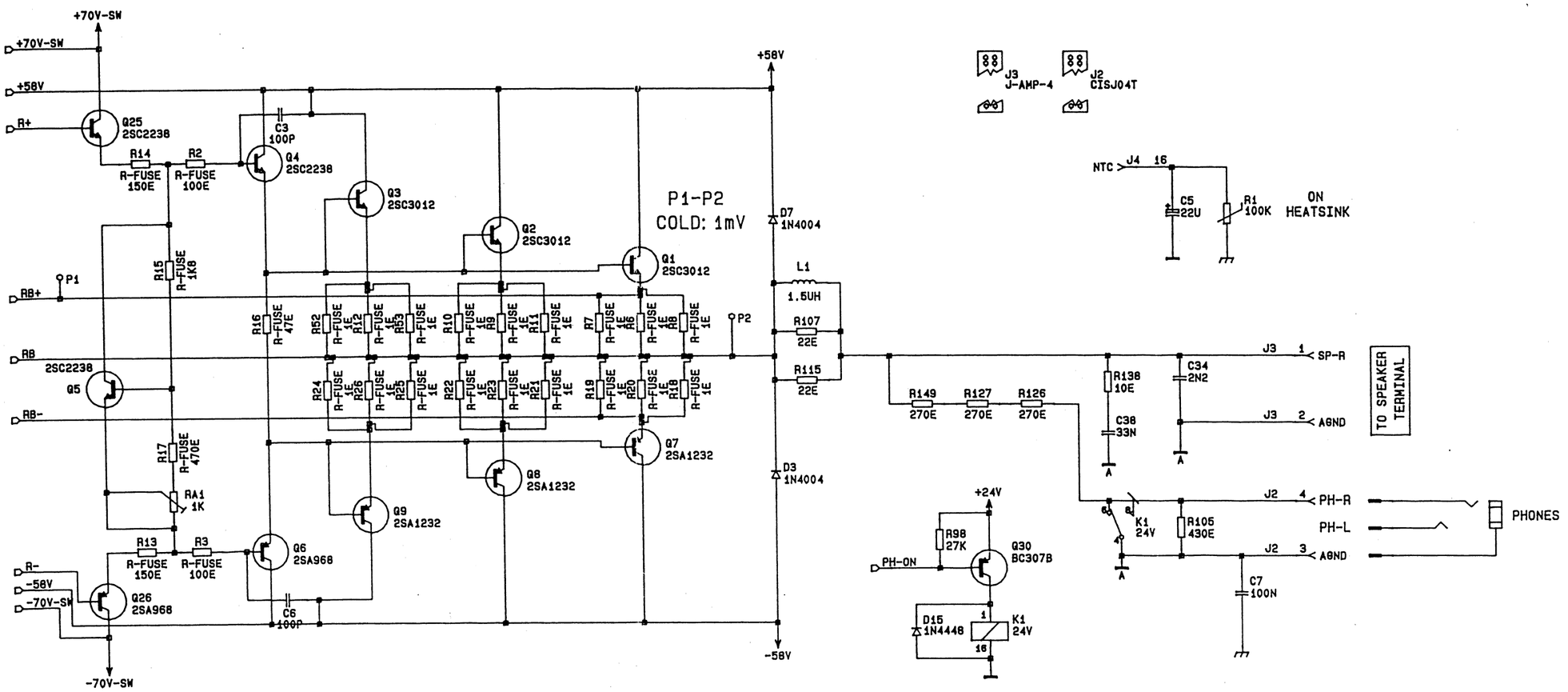
* Codierung : Schaltdraht 64.01.0108 ∅ 0,8 x 8 mm

Loch bei R1 : Silikonfett einfüllen

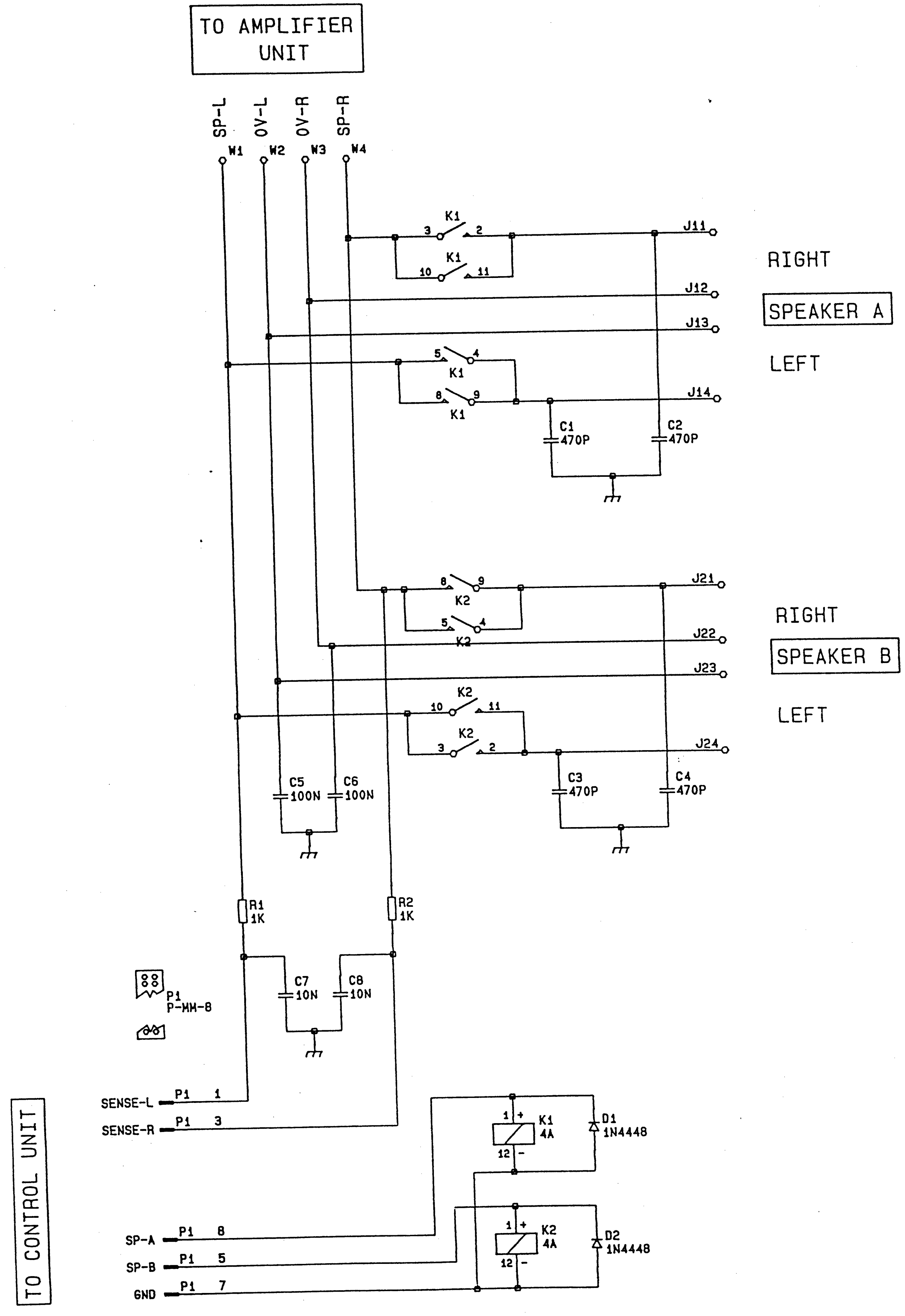
Q1 – Q18
montiert nach BV 632 mit MP 1, 3, 5, 6

MP 11 aufgeklebt nach Fabrikationsmuster

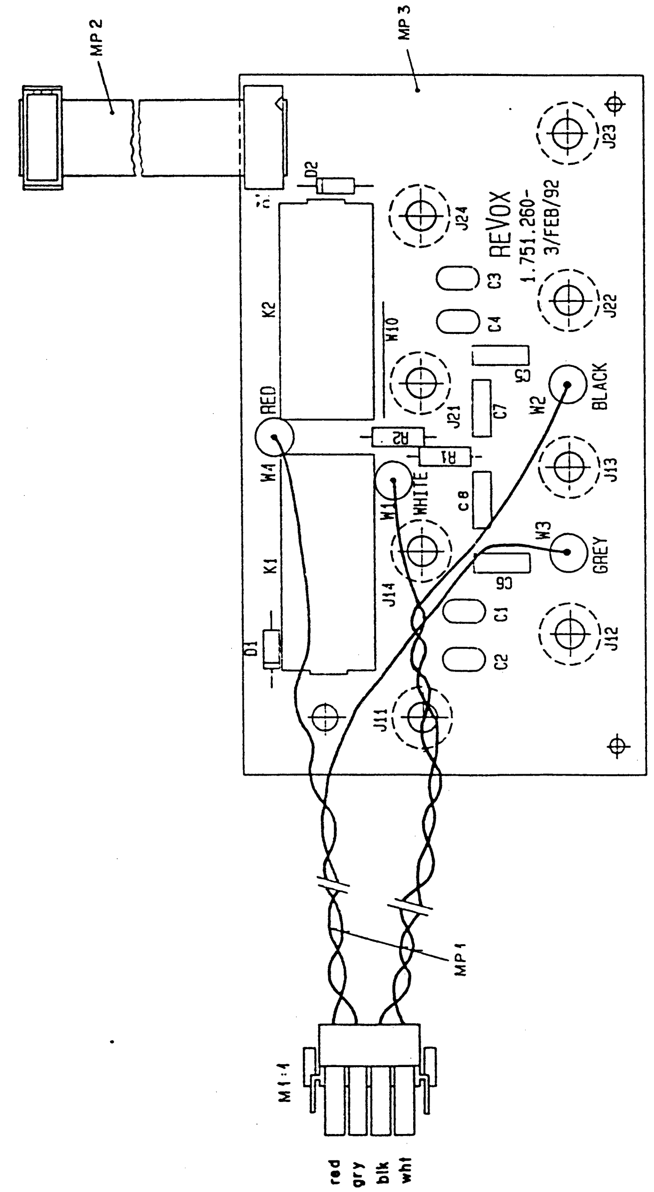
Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Ben.:		Änderung:	③ / ② / ① 22.4.92: 2 std
Zugehörige Unterlagen: PL, BV 632	Freimasstoleranz: ±	Maßstab: 1,5 : 1	Ausgabe: 3.3.92: Datum	⓪ Gez. | Gepr. | Ges. | Index
Ersatz für:	Ersetzt durch:		Kopie für:	
STUDER REGENSDORF ZÜRICH	Benennung: AMPLIFIER UNIT		Nummer: 1.751.250-00	



13/APR/92 SID			
	AMPLIFIER		PAGE 6 OF 6
REVOX	AMPLIFIER UNIT	SC	1.751.250-00



0 31/JAN/92 SID		
	AMPLIFIER	PAGE 1 OF 1
REVOX	SPEAKER -TERMINAL	SC 1.751.260-00



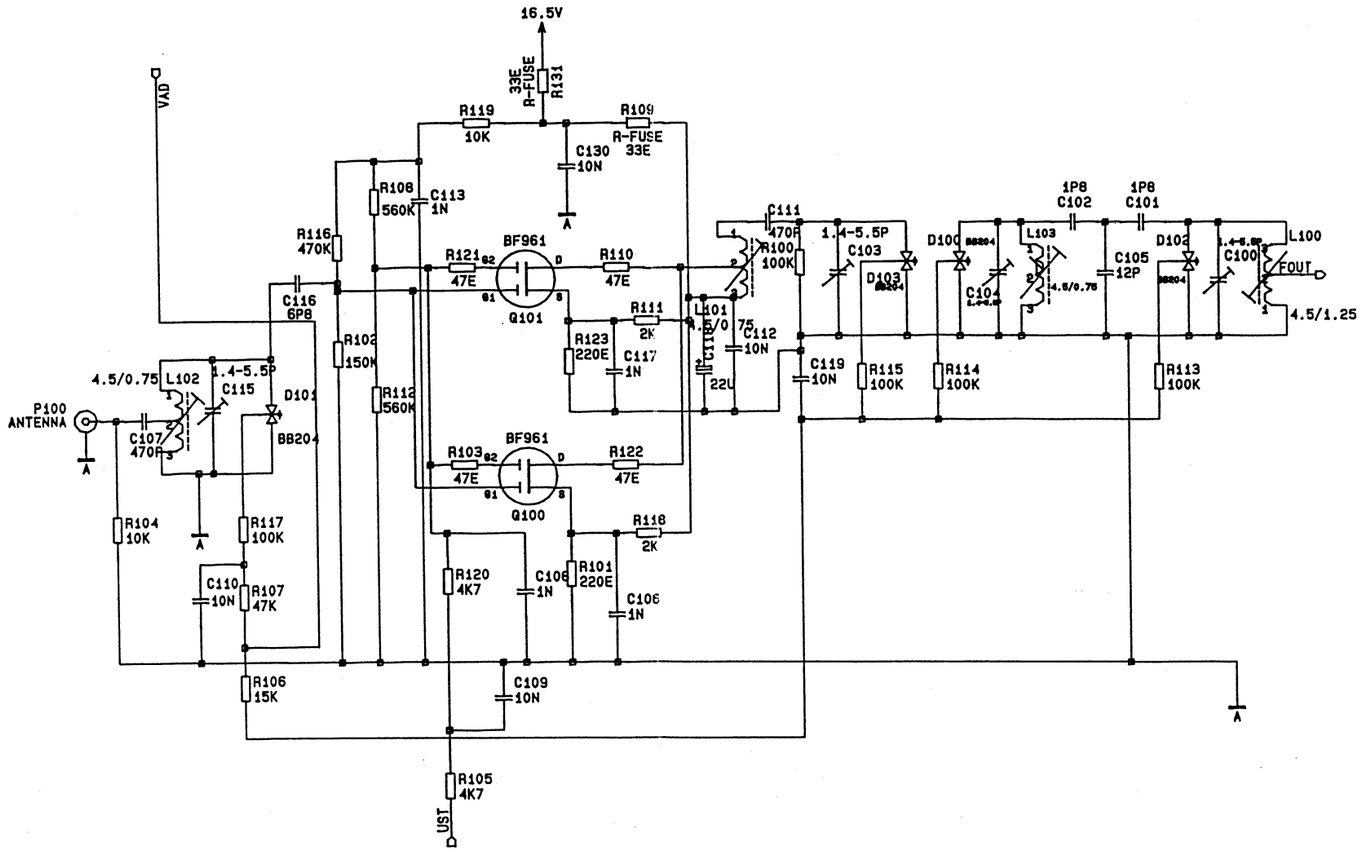
Werkstoff	Norm-Nr.:	Oberfläche	Güte:
	DIN-Bez.:		Beh.:
	Abmessung:		
Zugehörige Unterlagen: PL		Freimasstoleranz: ±	Maßstab: 1:1; 2:1
Ersatz für:		Ersetzt durch:	

Index	Datum	Gez.	Gepr.	Ges.
0	2.3.92	A.Y.	sid	
1				
2				
3				

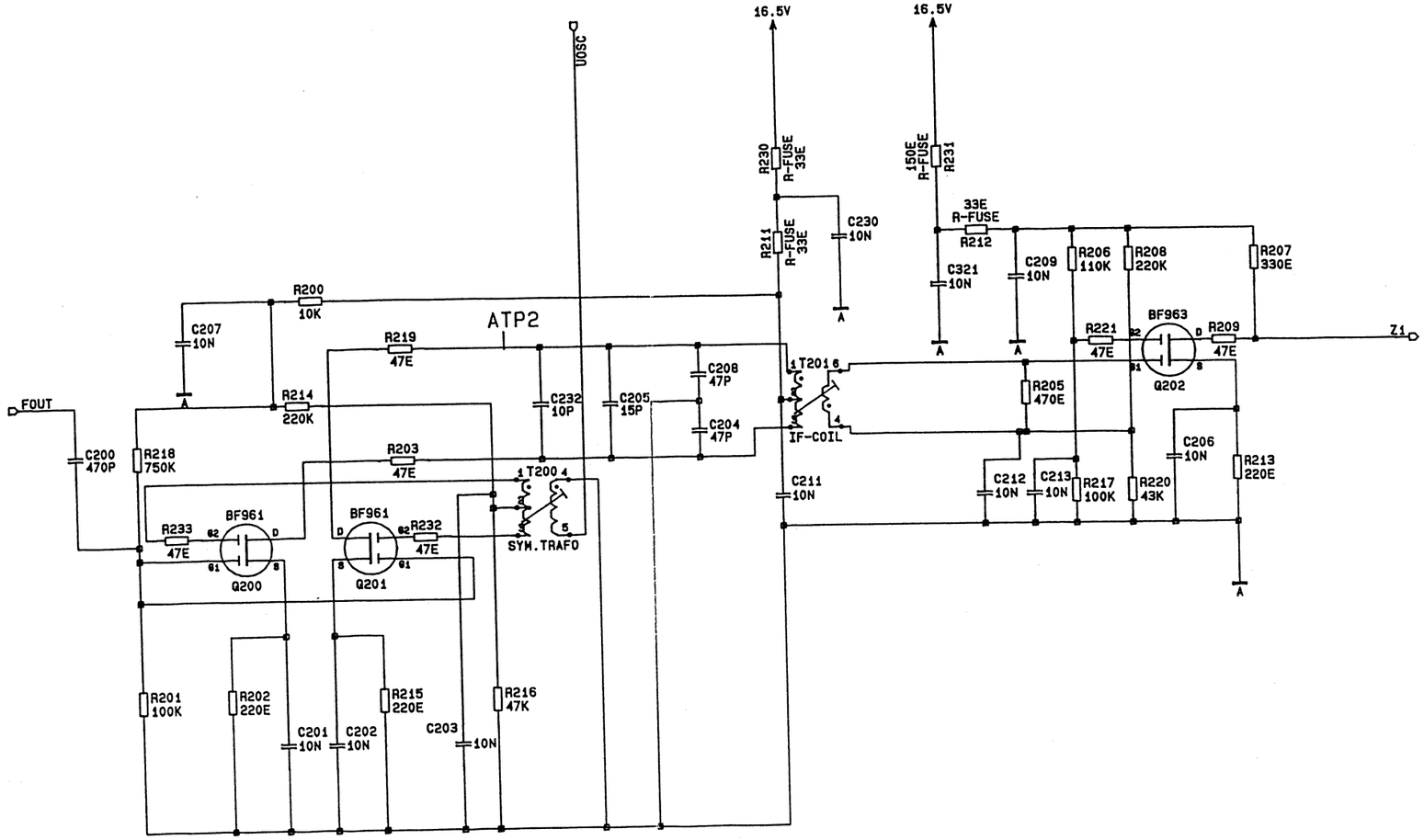
STUDER REGENSDORF ZÜRICH

Benennung: SPEAKER TERMINAL

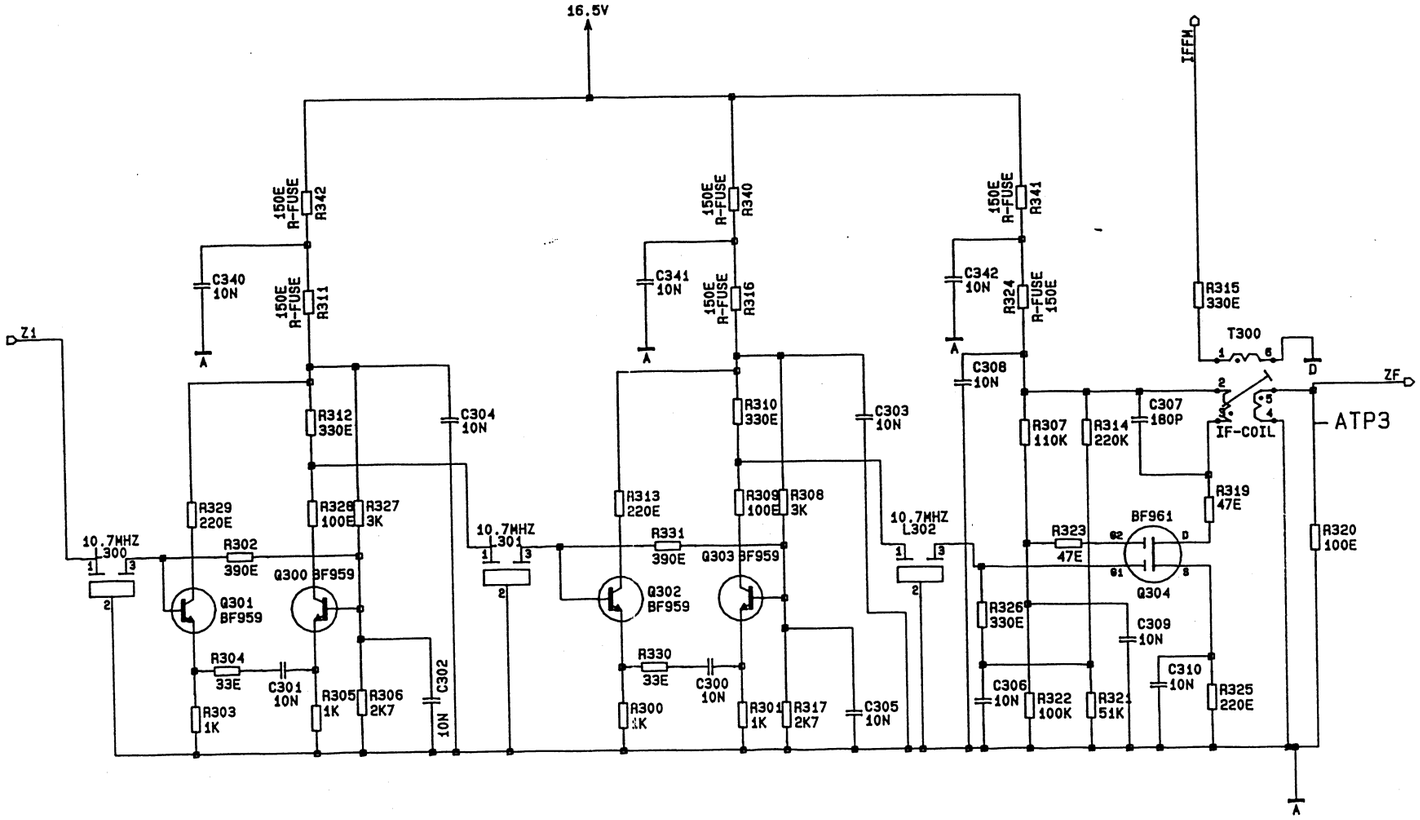
Nummer: 1.751.260-00



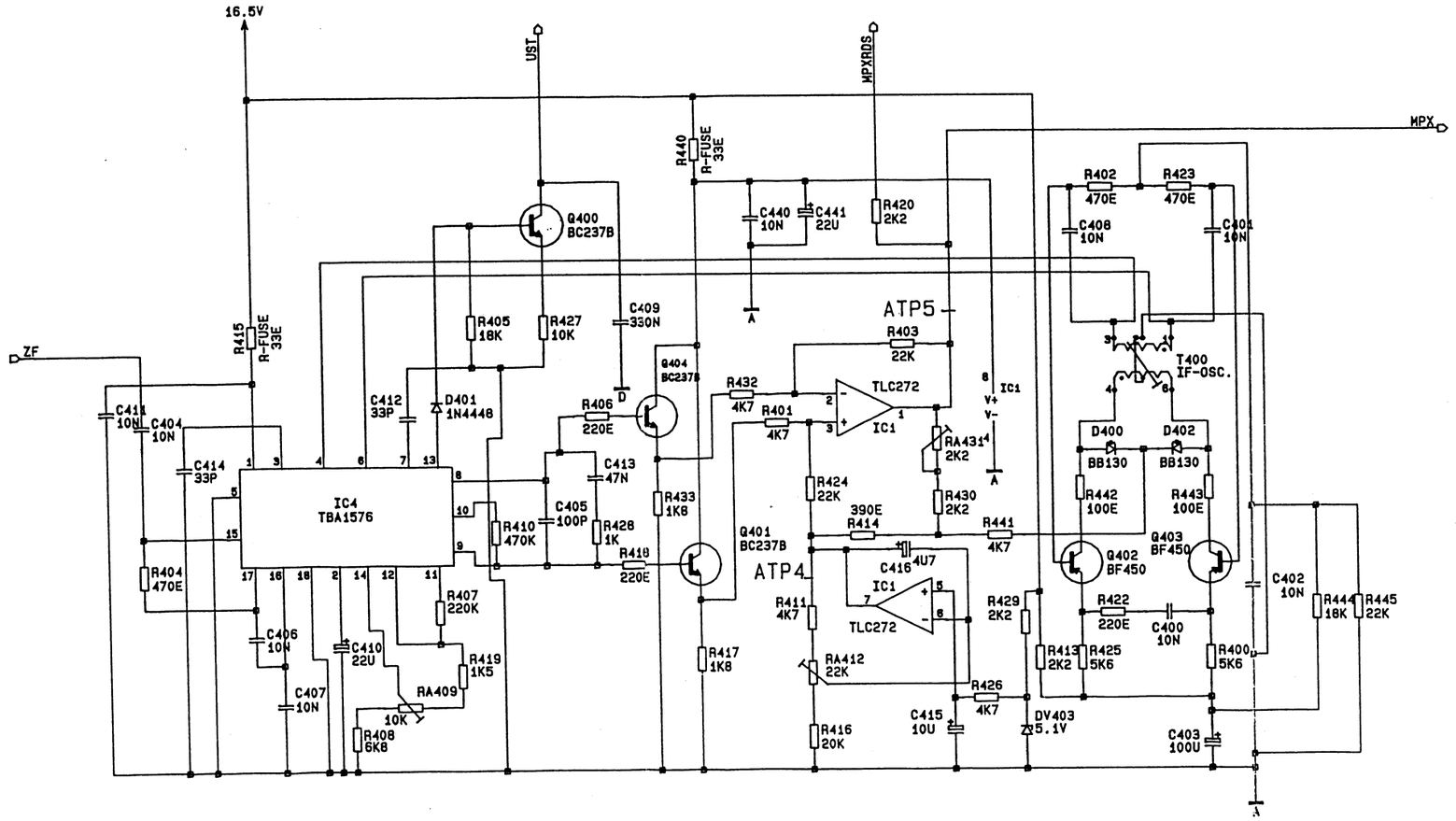
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 1 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



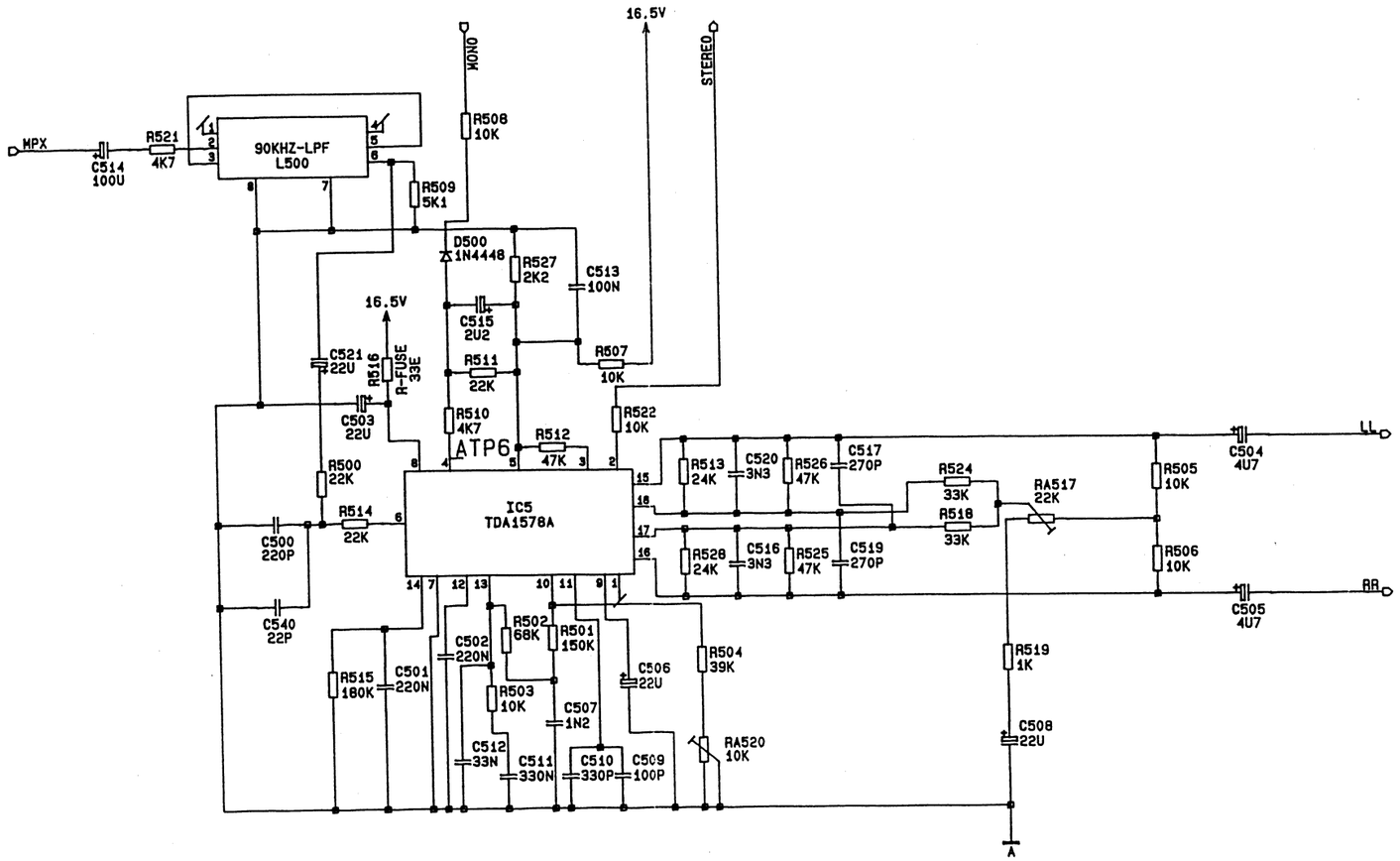
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 2 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



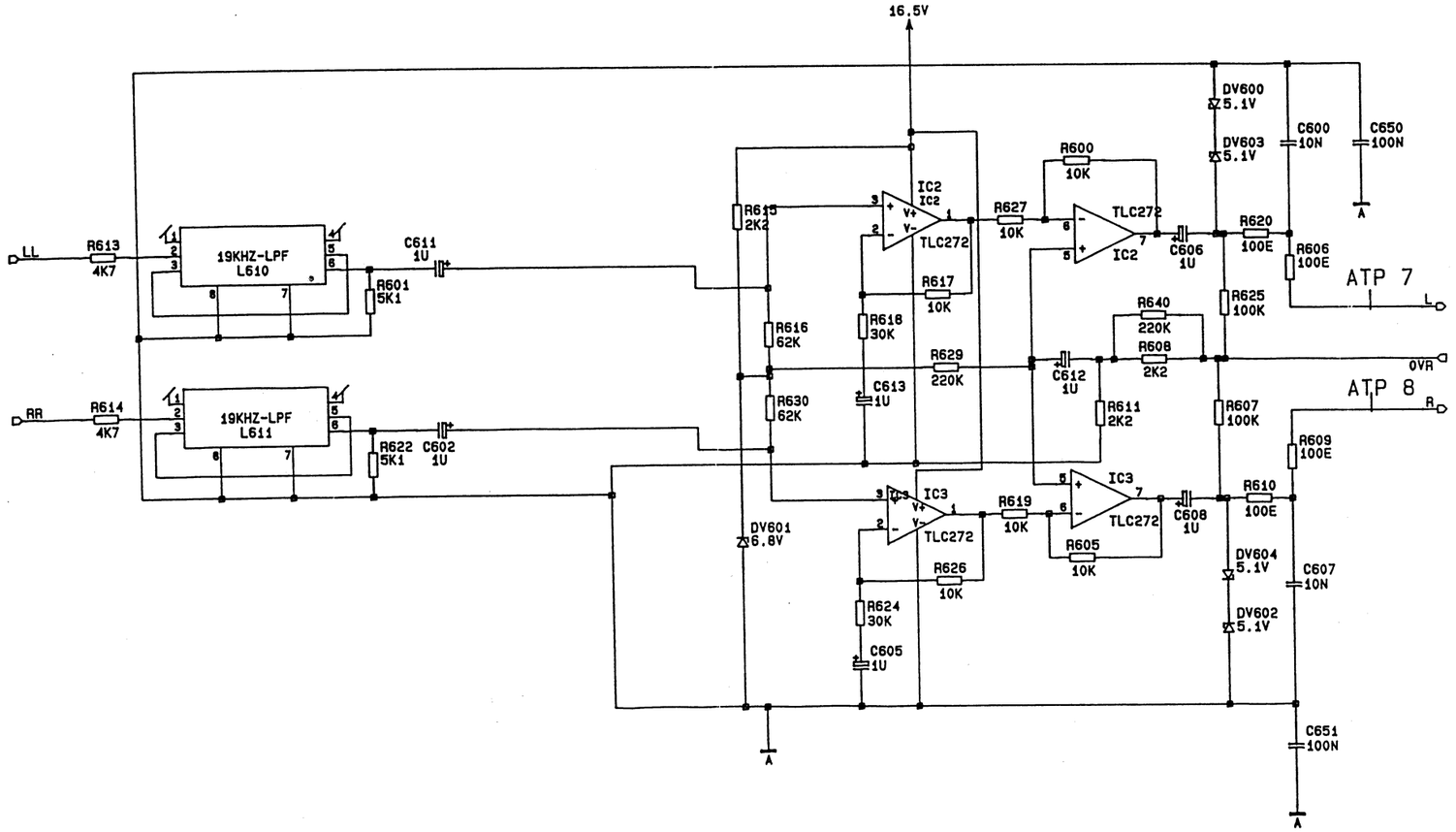
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 3 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



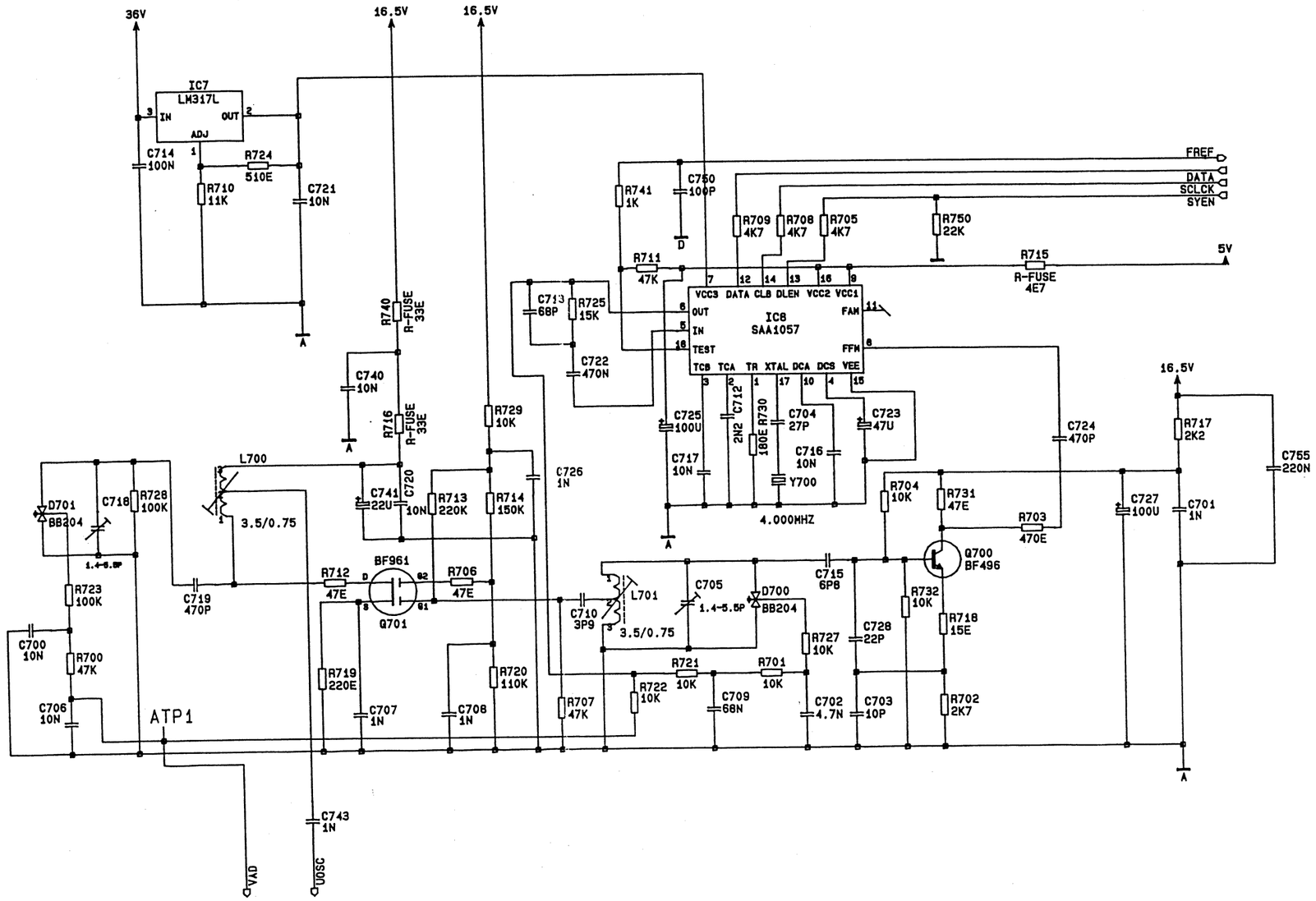
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 4 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



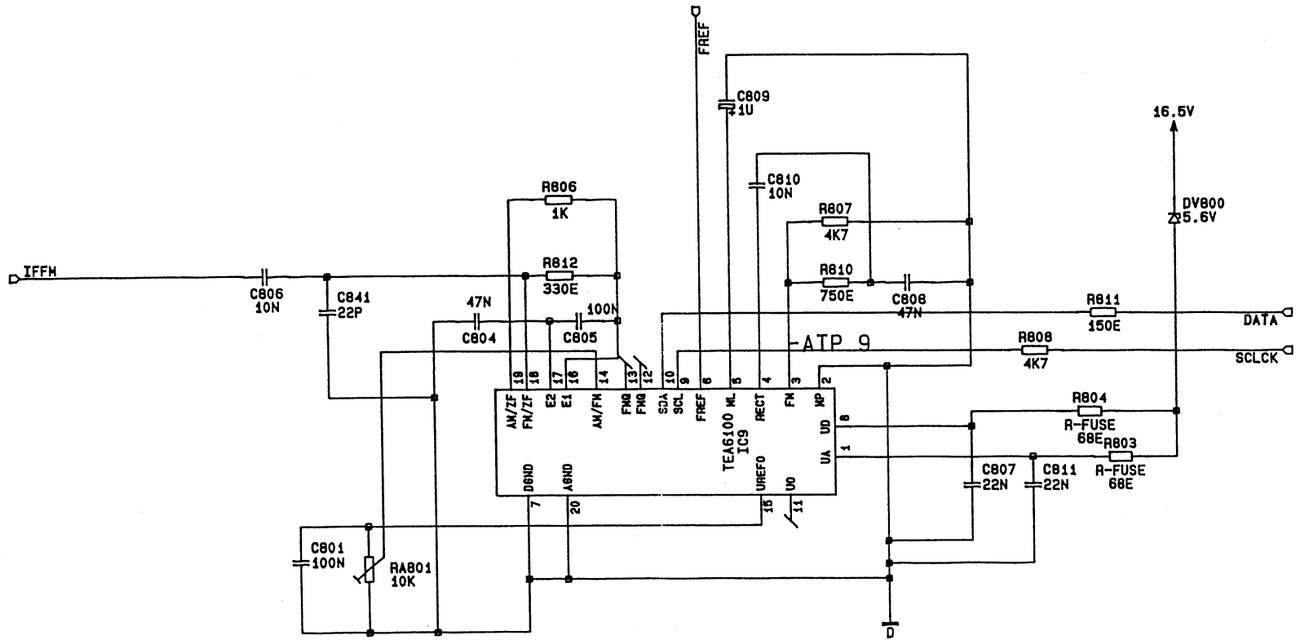
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 5 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



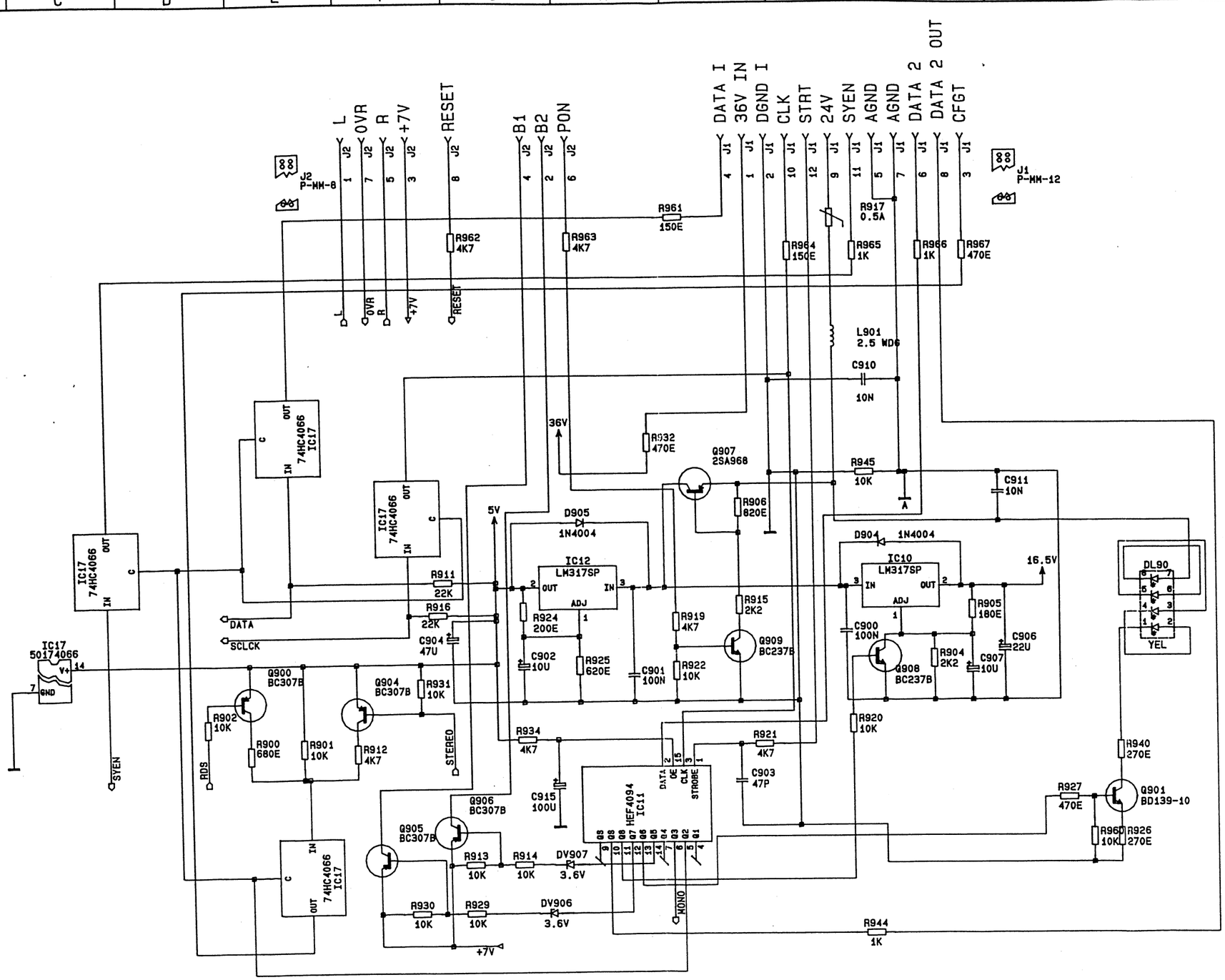
0 04.02.92 STW	1 19.06.92 STW		
	TUNER		PAGE 6 OF 10
REVOX	TUNER BOARD	SC	1.752.180-20



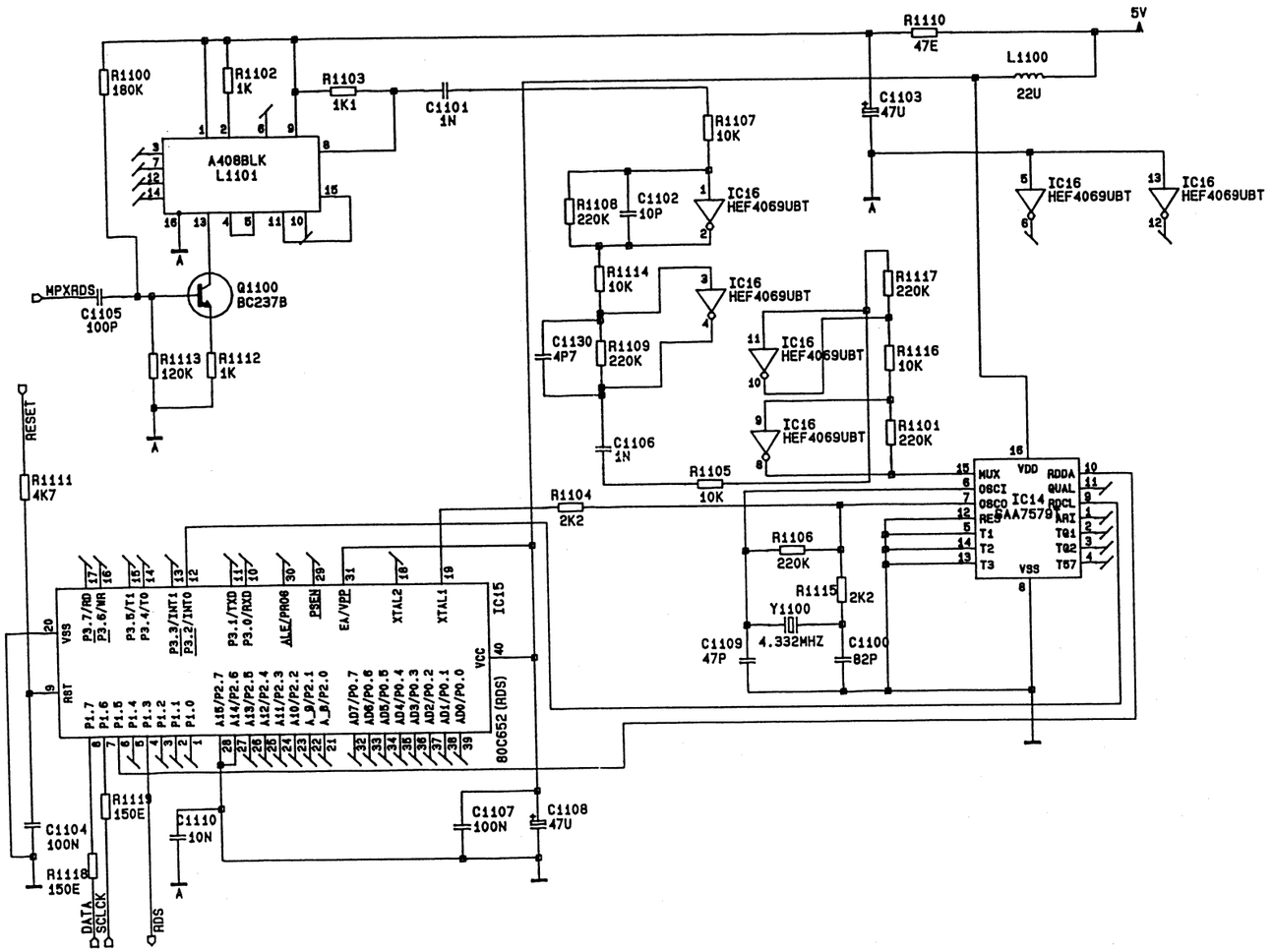
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 7 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



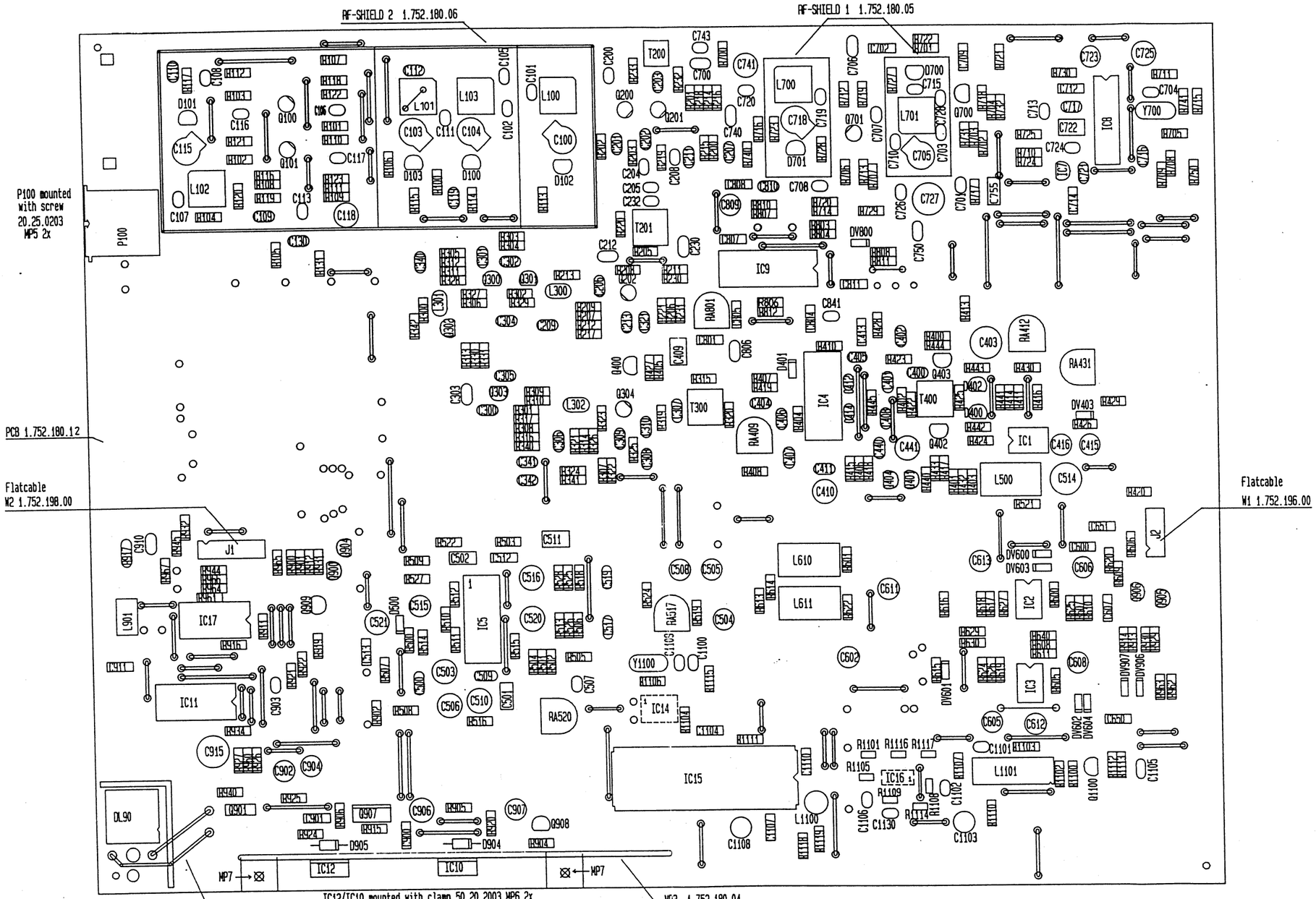
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 8 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 9 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20



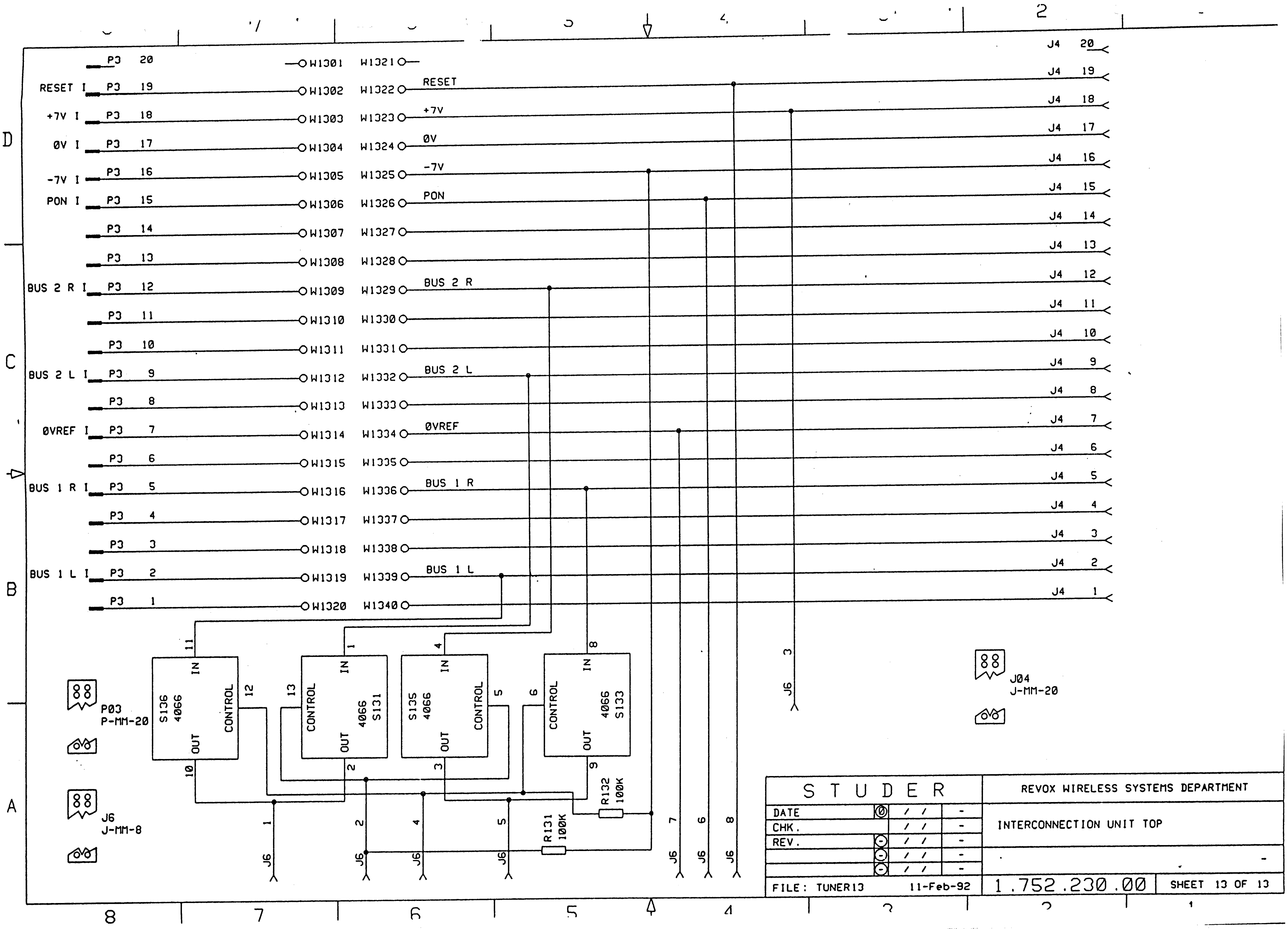
0 04.02.92 STW	1 19.06.92 STW			
	TUNER			PAGE 10 OF 10
REVOX	TUNER BOARD		SC	1.752.180-20

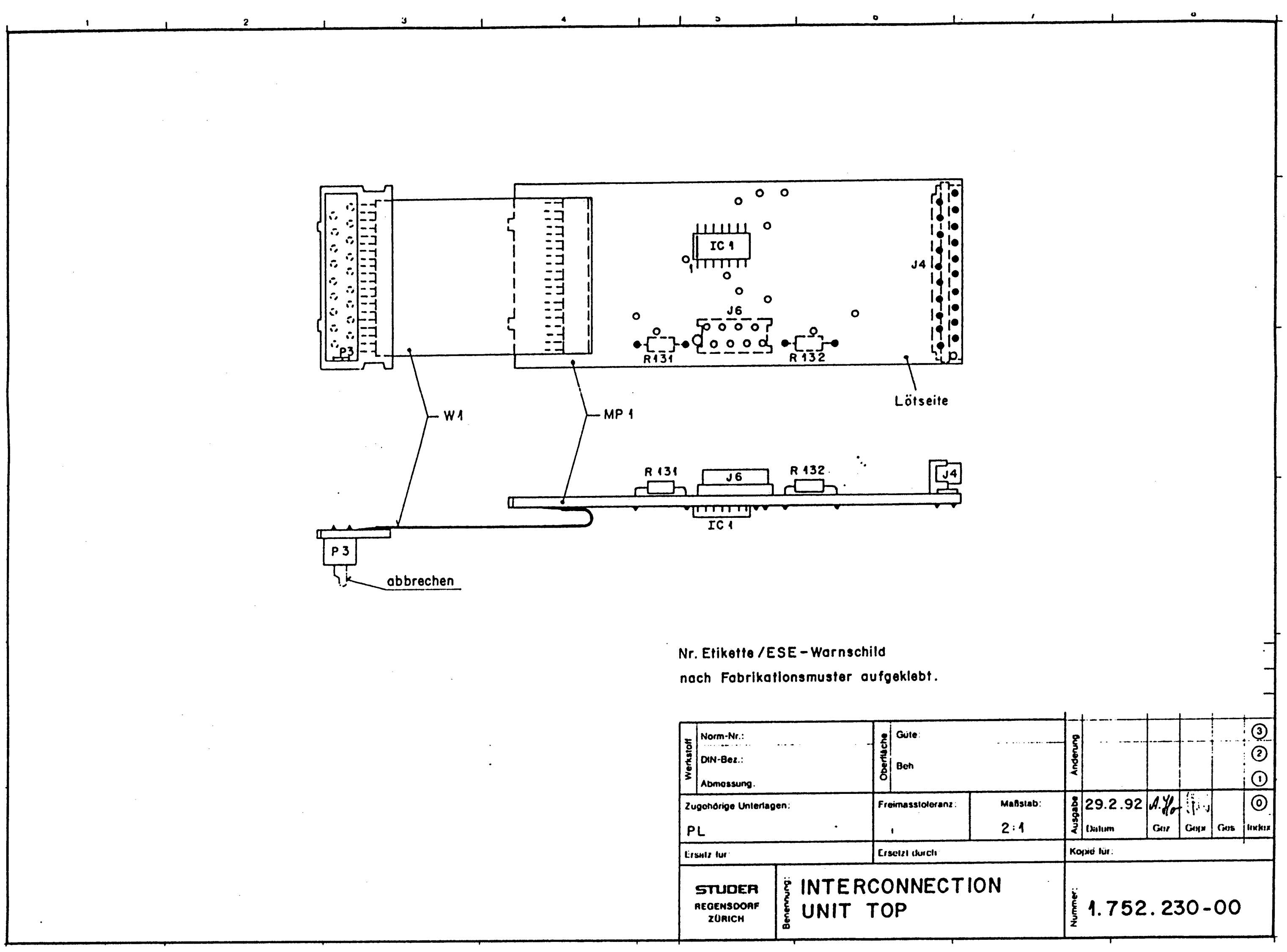


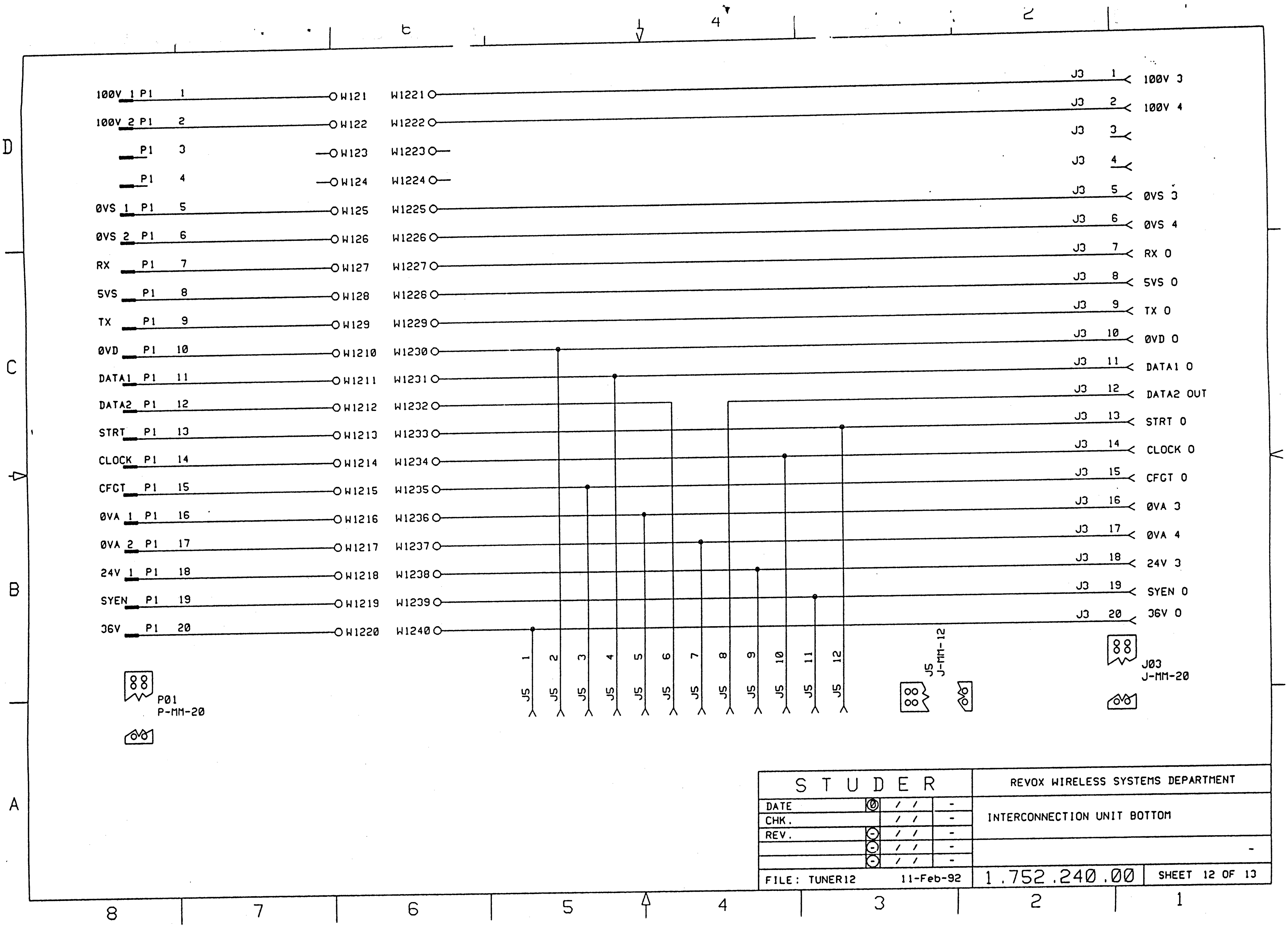
Nr. Etikette / ESE-Warnschild
nach Fabrikationsmuster aufgeklebt.

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Ben.:			Änderung: ③ ② ① 29.6.92 ⑨
Zugehörige Unterlagen: PL	Freimassstoleranz: ±	Maßstab: 2:1		Ausgabe: 28.2.92
Ersatz für:	Ersetzt durch:			Kopie für:
STUDER REGENSDORF ZÜRICH	Benennung: FM TUNER UNIT EU			Nummer: 1.752.180-20

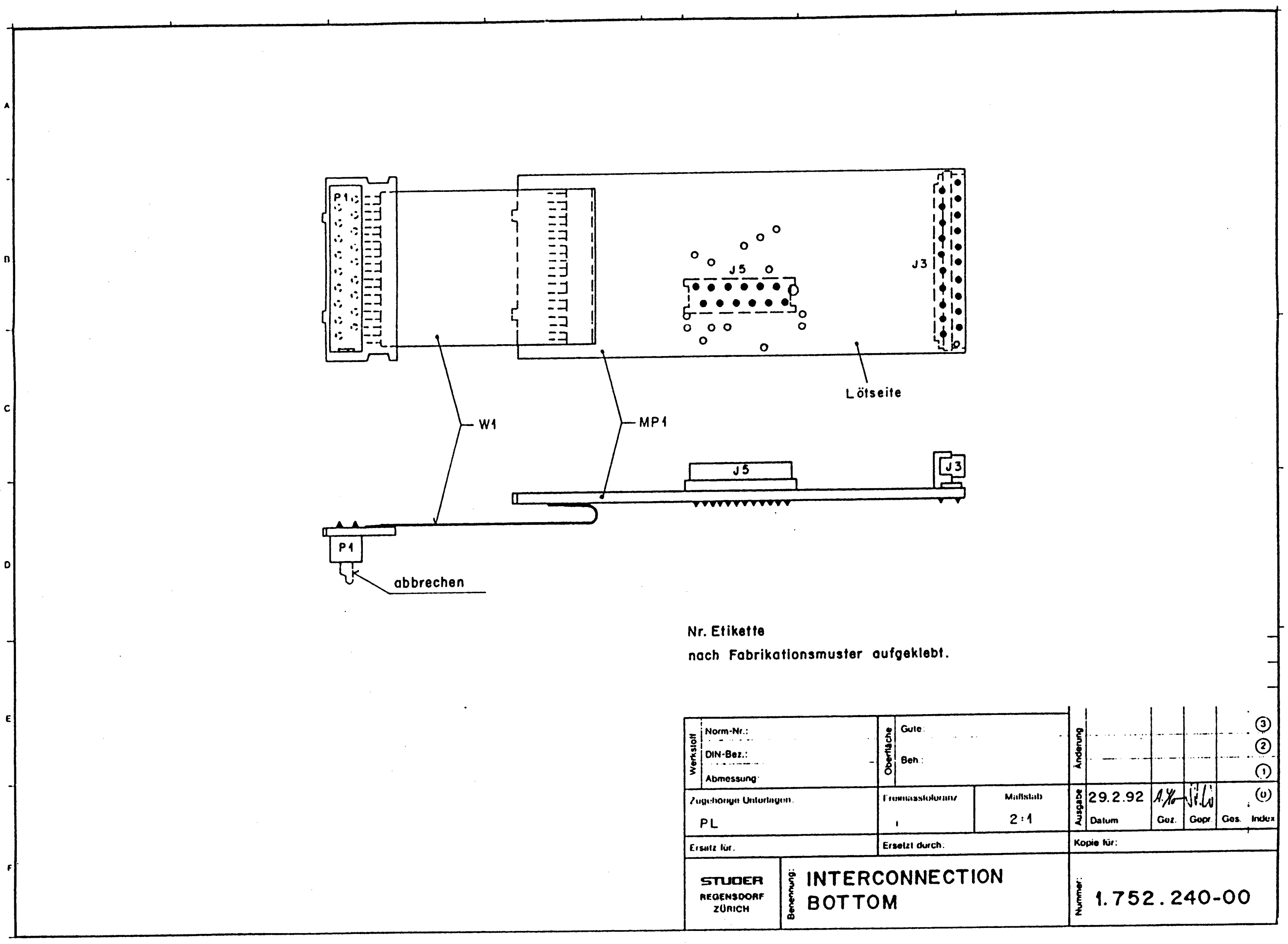
Datum Gez. Geor. Ges. Index


RESET I P3 19 W1302 W1322 RESET J4 19
+7V I P3 18 W1303 W1323 +7V J4 18
ØV I P3 17 W1304 W1324 ØV J4 17
-7V I P3 16 W1305 W1325 -7V J4 16
PON I P3 15 W1306 W1326 PON J4 15
P3 20 W1301 W1321 J4 20
P3 14 W1307 W1327 J4 14
P3 13 W1308 W1328 J4 13
BUS 2 R I P3 12 W1309 W1329 BUS 2 R J4 12
P3 11 W1310 W1330 J4 11
P3 10 W1311 W1331 J4 10
BUS 2 L I P3 9 W1312 W1332 BUS 2 L J4 9
P3 8 W1313 W1333 J4 8
ØVREF I P3 7 W1314 W1334 ØVREF J4 7
P3 6 W1315 W1335 J4 6
BUS 1 R I P3 5 W1316 W1336 BUS 1 R J4 5
P3 4 W1317 W1337 J4 4
P3 3 W1318 W1338 J4 3
BUS 1 L I P3 2 W1319 W1339 BUS 1 L J4 2
P3 1 W1320 W1340 J4 1
S136 4066 IN OUT CONTROL
4066 S131 IN OUT CONTROL
S135 4066 IN OUT CONTROL
4066 S133 IN OUT CONTROL
R131 100K
R132 100K
J6
P03 P-MM-20
J6 J-MM-8
J04 J-MM-20
STUDER
REVOX WIRELESS SYSTEMS DEPARTMENT
INTERCONNECTION UNIT TOP
DATE
CHK.
REV.
FILE: TUNER13 11-Feb-92
1.752.230.00
SHEET 13 OF 13


P3
J4
IC 1
J6
R131
R132
W1
MP 1
Lötseite
abbrechen
Nr. Etikette /ESE-Warnschild
nach Fabrikationsmuster aufgeklebt.
Werkstoff Norm-Nr.: DIN-Bez.: Abmessung.
Oberfläche Güte: Beh
Zugehörige Unterlagen: PL
Freimasstoleranz:
Maßstab: 2:1
Ausgabe 29.2.92 Datum Gez Gepr Ges Index
Ersatz für
Ersetzt durch
Kopie für:
STUDER REGENSDORF ZÜRICH
Benennung: INTERCONNECTION UNIT TOP
Nummer: 1.752.230-00



100V 1 P1 1
W121
W1221
J3 1
100V 3
100V 2 P1 2
W122
W1222
J3 2
100V 4
P1 3
W123
W1223
J3 3
P1 4
W124
W1224
J3 4
0VS 1 P1 5
W125
W1225
J3 5
0VS 3
0VS 2 P1 6
W126
W1226
J3 6
0VS 4
RX P1 7
W127
W1227
J3 7
RX O
5VS P1 8
W128
W1228
J3 8
5VS O
TX P1 9
W129
W1229
J3 9
TX O
0VD P1 10
W1210
W1230
J3 10
0VD O
DATA1 P1 11
W1211
W1231
J3 11
DATA1 O
DATA2 P1 12
W1212
W1232
J3 12
DATA2 OUT
STRT P1 13
W1213
W1233
J3 13
STRT O
CLOCK P1 14
W1214
W1234
J3 14
CLOCK O
CFCT P1 15
W1215
W1235
J3 15
CFCT O
0VA 1 P1 16
W1216
W1236
J3 16
0VA 3
0VA 2 P1 17
W1217
W1237
J3 17
0VA 4
24V 1 P1 18
W1218
W1238
J3 18
24V 3
SYEN P1 19
W1219
W1239
J3 19
SYEN O
36V P1 20
W1220
W1240
J3 20
36V O
J5 1
J5 2
J5 3
J5 4
J5 5
J5 6
J5 7
J5 8
J5 9
J5 10
J5 11
J5 12
P01
P-MM-20
J5
J-MM-12
J03
J-MM-20
STUDER
REVOX WIRELESS SYSTEMS DEPARTMENT
DATE
CHK.
REV.
INTERCONNECTION UNIT BOTTOM
FILE: TUNER12
11-Feb-92
1.752.240.00
SHEET 12 OF 13



P1
W1
MP1
J5
J3
Lötseite
abbrechen
Nr. Etikette
nach Fabrikationsmuster aufgeklebt.
Werkstoff
Norm-Nr.:
DIN-Bez.:
Abmessung
Oberfläche
Gute
Beh.:
Änderung
Zugehörige Unterlagen
PL
Masstab
2:1
Ausgabe
29.2.92
Datum
Gez.
Gepr.
Ges.
Index
Ersatz für.
Ersetzt durch.
Kopie für:
STUDER
REGENSDORF
ZÜRICH
Benennung:
INTERCONNECTION
BOTTOM
Nummer:
1.752.240-00

1.753.251-00

(PV16)

MESHERING METHOD

FOC OFFSET

LASER POWER

Q101 TDA8808 PHOTO DIODE PROCESSOR

HF AMPLIFIER

EQUALIZER

GAIN CONTROL

HF DETECTOR

FOCUS NORMALIZING CIRCUIT

STARTING CIRCUIT

LASER SUPPLY

LASER ADJ

Q103 TDA8809 RADIAL ERROR PROCESSOR

Q105 7805

Q108 REG 79L06

TO SUB-CHASSIS

TURN-TABLE MOTOR CONTROL OUT

(PP16)

1.753.252-00 1/2

TRAY-OPEN/CLOSE MOTOR

THIS BROCK ISN'T USED IN D-20.

COAX DIG OUT

OPT DIG OUT

RC-BUS IN/OUT

RC-5 IN/OUT SW

CPU

D141 D142	HD20003001 RL103E/DSF10C
Q142 Q143	BA10003211 DTA114TS
QF51 QF53	HT900241B1 JC547B
Q511	HC10004350 SM5840FP
Q510	HC70080080 74HC08
Q101	HC10035490 TDA8808
D132 D133	HD30751001 7.5V ZENER
Q512	BA20017211 DTC114TS
QF52	HT700201B1 JC557B
Q501	HC10029490 SAA7310
QF03	HC10003700 X24C16
Q103	HC10036490 TDA8809
Q109	HC3890509F NJM7805FA
Q503	HT110052D1 2SA1005L/K
Q102	HT418622A1 2SD1862Q/R
Q502	HC10034000 UPD41416C MB81416
QF02	HC10010551 PST523D
Q108	HC39106091 NJM79L06
Q140	HC10007090 NJM4560D
Q106 QM01	HC10034170 TC9[illegible]372
DF31	HD20002001 1SS176 1SS254 MA165

REVISIONS

DATE:91-09-27

Ersatz für		Ersetzt durch		Kopie für	
STUDER REGENSDORF ZURICH	Benennung DECODER BOARD	SC	Nummer 1.753.250-00 Bl.1/2		

Ausgabe 12.5.92 2 — Datum Gez Gepr Ges Index — Änderung 3 2 1 0

DN04	D801 D802	Q821	Q802	QD01	Q601 Q602
HD20002001	D803 D804	HC3890509F	HC3951509F	HC10054490	HC10062090
1SS176	D821 D822	NJM7805FA	NJM79M15FA	SAA7350	NJM5532DD
1SS254	D823 D824				
MA165	HD20003001	Q801			
	RL103E/DSF10C	HC3851509F			
		NJM78M15FA			

REVISIONS

DATE: 91-09-25

(PP16) 1.753.252-00 2/2

THIS BROCK ISN'T USED IN D-20.

THIS BROCK ISN'T USED IN D-20.

TRANSFORMER ON 1.753.200-20

THIS BROCK ISN'T USED IN D-20.

Werkstoff: Norm-Nr. / DIN-Bez. / Abmessung	Oberfläche: Gute / Beh		Änderung	
Zugehörige Unterlagen	Freimasstoleranz	Maßstab: —	Ausgabe: 13.5.92 2.	
			Datum: Gez Gepr Ges Index	
Ersatz für:	Ersetzt durch		Kopie für:	
STUDER REGENSDORF ZÜRICH	Benennung: DECODER BOARD	SC	Nummer: 1.753.250-00 Bl.2/2	

DN04	D801 D802	Q821	Q802	Q001	Q601 Q602
HD20002001	D803 D804	HC3890509F	HC3951509F	HC10054490	HC10062090
1SS176	D821 D822	NJM7805FA	*NJM79M15FA	SAA7350	NJM5532DD
1SS254	D823 D824				
MA165	HD20003001	Q801			
	RL103E/DSF10C	HC3851509F			
		NJM78M15FA			

REVISIONS

DATE: 91-09-25

(PP16) 1.753.252-00 2/2

THIS BROCK ISN'T USED IN D-20.

THIS BROCK ISN'T USED IN D-20.

THIS BROCK ISN'T USED IN D-20.

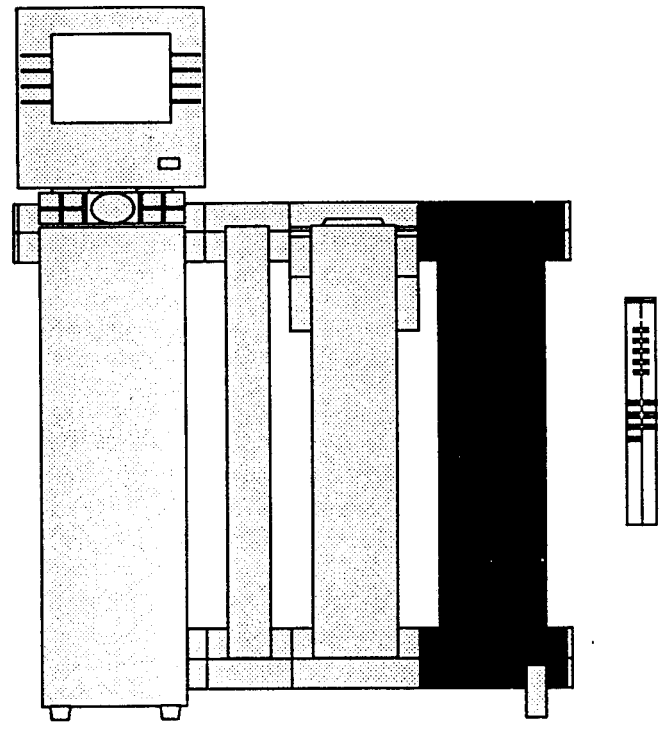
TRANSFORMER ON 1.753.200-20

Norm-Nr.		Gute				Änderung	
Werkstoff		Oberfläche					
DIN-Bez.		Ben					
Abmessung							
Zugehörige Unterlagen		Freimasstoleranz		Maßstab	—	Ausgabe	13.5.92 2
						Datum	Gez Gepr Ges Index
Ersatz für		Ersetzt durch				Kopie für	
STUDER REGENSDORF ZÜRICH	Benennung	DECODER BOARD	SC			Nummer	1.753.250-00 Bl.2/2

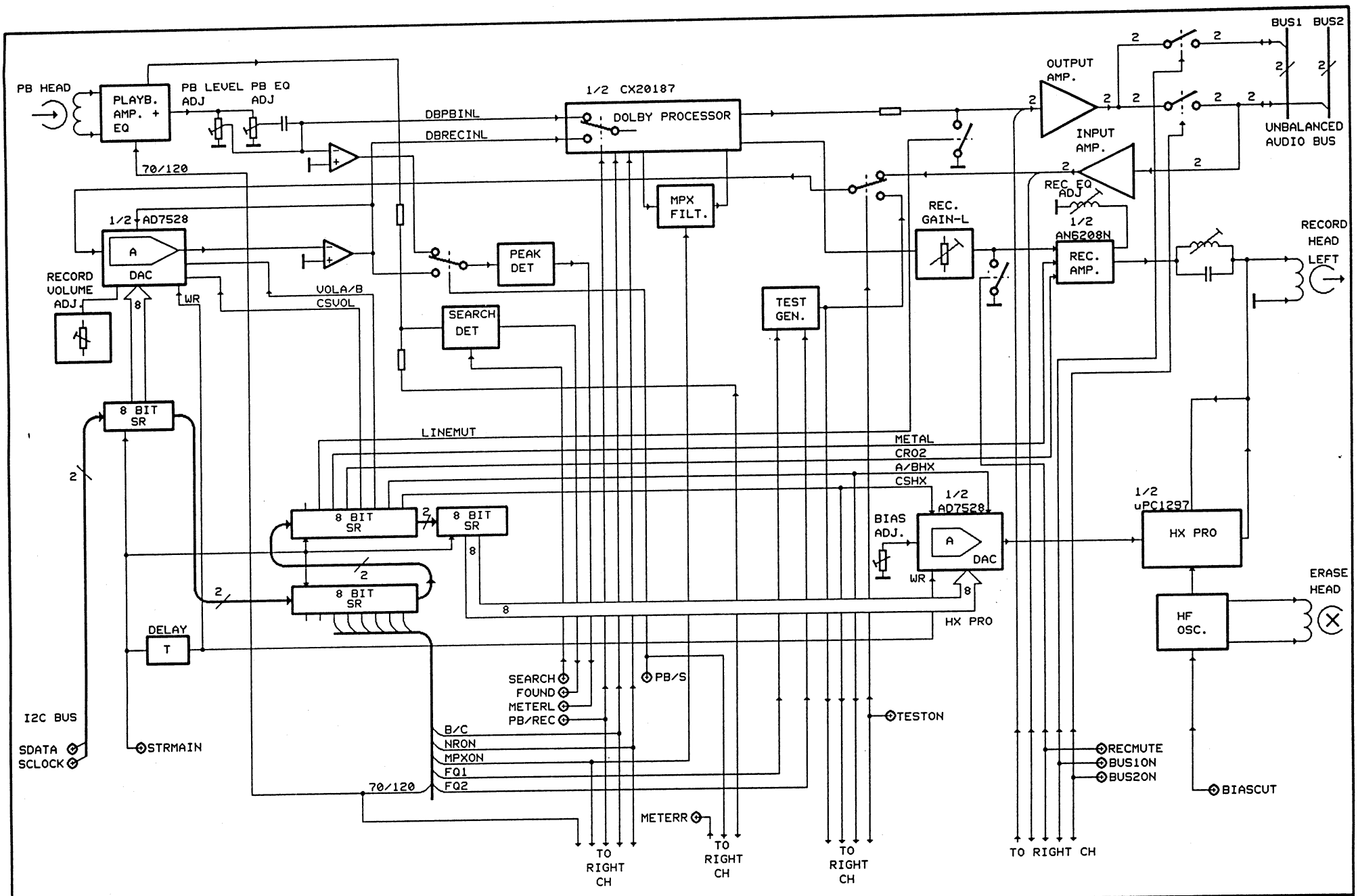
Schemata Kassettengerät

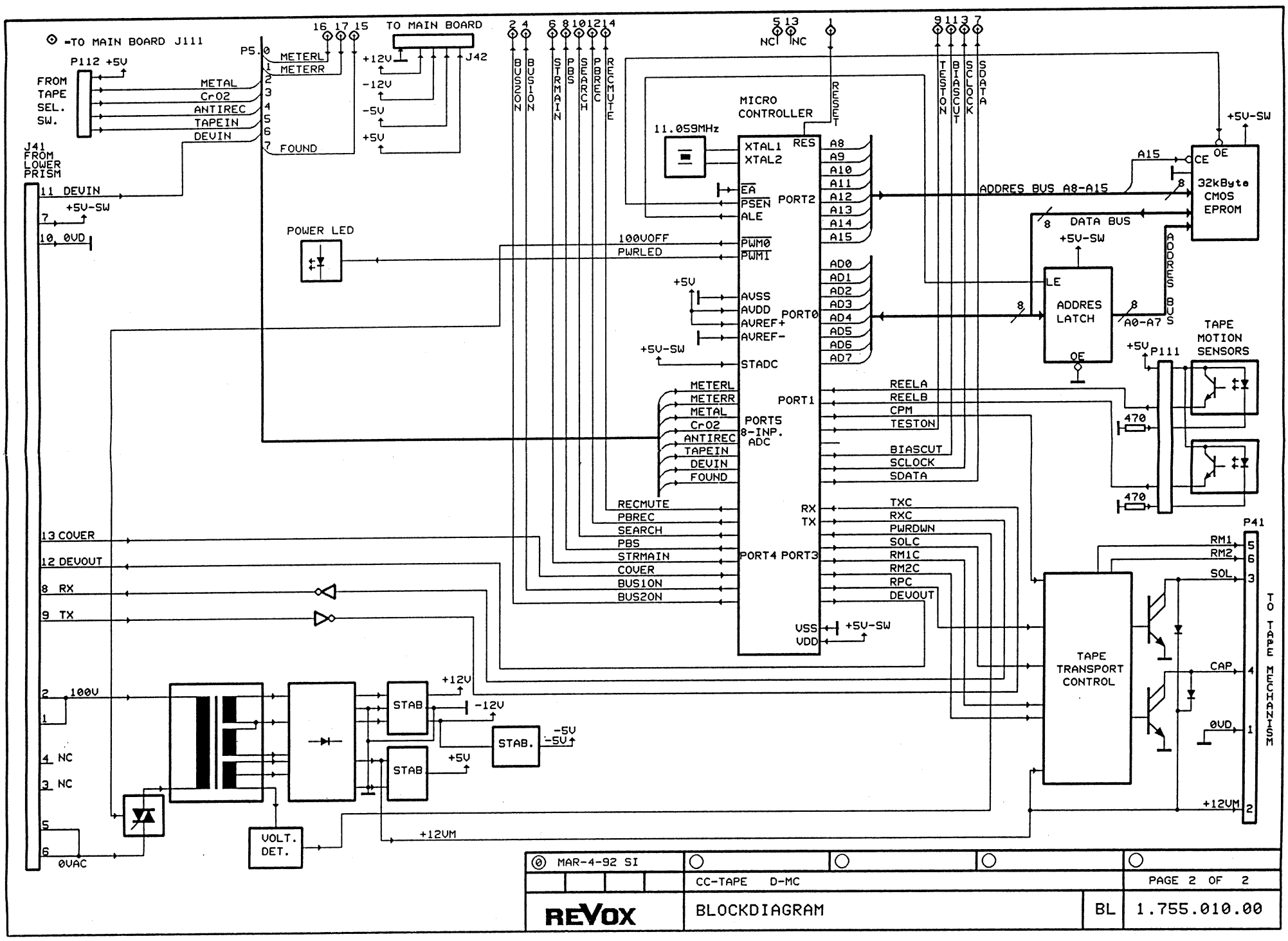
Schematic diagrams cassette deck

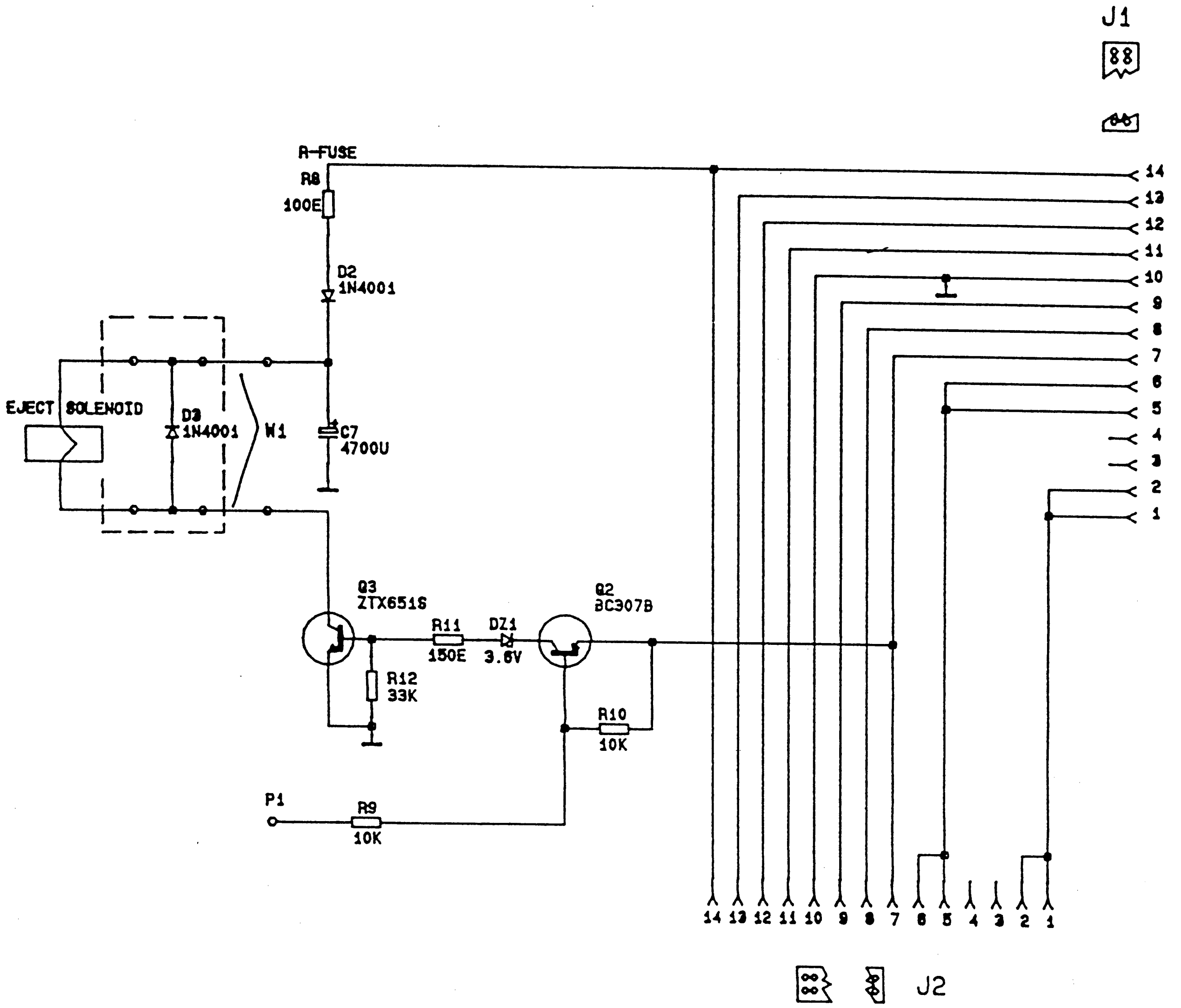
Schémas de la platine à cassettes



Block diagram	1.755.010.00
Power supply board	1.755.200.21
Eject control board	1.755.210.00
Main board	1.755.220.00
Interconnection unit top	1.755.230.00
Interconnection unit bottom	1.755.240.00


PB HEAD
PLAYB. AMP. + EQ
PB LEVEL ADJ
PB EQ ADJ
70/120
1/2 CX20187
DOLBY PROCESSOR
DBPBINL
DBRECINL
MPX FILT.
OUTPUT AMP.
INPUT AMP.
BUS1
BUS2
UNBALANCED AUDIO BUS
REC EQ ADJ
1/2 AN6208N
REC. AMP.
REC. GAIN-L
RECORD HEAD LEFT
1/2 AD7528
A
DAC
RECORD VOLUME ADJ
WR
VOLA/B
CSVOL
PEAK DET
SEARCH DET
TEST GEN.
8 BIT SR
LINEMUT
METAL
CR02
A/BHX
CSHX
BIAS ADJ.
1/2 uPC1297
HX PRO
ERASE HEAD
HF OSC.
DELAY
T
I2C BUS
SDATA
SCLOCK
STRMAIN
SEARCH
FOUND
METERL
PB/REC
PB/S
TESTON
B/C
NRON
MPXON
FQ1
FQ2
METERR
TO RIGHT CH
RECMUTE
BUS1ON
BUS2ON
BIASCUT
⊙ = TO uP CONTROL
MAR-4-92 SI
CC-TAPE D-MC
PAGE 1 OF 2
REVOX
BLOCKDIAGRAM
BL
1.755.010.00


⊙ =TO MAIN BOARD J111
P112 +5V
FROM TAPE SEL. SW.
METAL
Cr02
ANTIREC
TAPEIN
DEVIN
FOUND
METERL
METERR
+12V
-12V
-5V
+5V
TO MAIN BOARD
J42
J41 FROM LOWER PRISM
11 DEVIN
+5V-SW
10 0VD
POWER LED
MICRO CONTROLLER
11.059MHz
XTAL1
XTAL2
RES
EA
PSEN
ALE
PORT2
PORT0
PORT1
PORT5 8-INP. ADC
PORT4 PORT3
AVSS
AVDD
AVREF+
AVREF-
STADC
VSS
VDD
100VOFF
PWRLED
PWM0
PWM1
RESET
NC NC
BUSON
BUSIN
STRMAIN
PBS
MUXSCH
PBREC
MUXSEL
TESTON
BIASCUT
SCLOCK
SDATA
ADDRES BUS A8-A15
DATA BUS
ADDRES LATCH
A0-A7
32kByte CMOS EPROM
TAPE MOTION SENSORS
P111
470
P41
TO TAPE MECHANISM
RM1
RM2
SOL
CAP
0VD
+12VM
TAPE TRANSPORT CONTROL
RECMUTE
PBREC
SEARCH
PBS
STRMAIN
COVER
BUS1ON
BUS2ON
REELA
REELB
CPM
TESTON
BIASCUT
SCLOCK
SDATA
TXC
RXC
PWRDWN
SOLC
RM1C
RM2C
RPC
DEVOUT
13 COVER
12 DEVOUT
8 RX
9 TX
2 100V
1
4 NC
3 NC
5
6
0VAC
STAB
STAB.
VOLT. DET.
MAR-4-92 SI
CC-TAPE D-MC
PAGE 2 OF 2
REVOX
BLOCKDIAGRAM
BL
1.755.010.00



0 21.05.92 FAR	CC-TAPE DECK	PAGE 1 OF 1
REVOX	EJECT CONTROL	SC 1.755.210-00

STUDER
REGENSDORF
ZÜRICH

Benennung: *Eject Control Board*

Nummer: *1.755.210-00*

Ersatz für:

Ersetzt durch:

Kopie für:

Zugehörige Unterlagen:

Freimasstoleranz:

Massstab: *1.5 : 1*

Werkstoff

Norm-Nr.:

DIN-Bez.:

Abmessung:

Oberfläche

Güte:

Beh.

Ausgabe		Änderung
Datum	7. 7. 92	
Gez.	*Rom.*	
Gepr.	*iN.*	
Ges.		
Index	(0)	(1) (2) (3)

MP2 aufgeklebt nach Muster